COLD FUSION EXPERIMENTS AND THEORY DEVELOPMENT

DOCUMENTATION OF DR. EDMUND STORMS' LENR RESEARCH CAREER

SANTA FE, NEW MEXICO

Stage 1 (Information Collection) Report
Second Draft

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April 18, 2017

Contents

Summary

Dr. Edmund Storms was one of the first researchers to follow up on the cold fusion claims of Martin Fleishman and Stanley Pons in March 1989. He has continued his cold fusion (now widely referred to as low-energy nuclear reactions, LENR) research in the years since, first in his position at Los Alamos National Laboratory (LANL) and then in his home laboratory in Santa Fe, New Mexico. His work has included both laboratory experiments and development of a theory to explain the LENR phenomenon.

During his 27 years of investigations, Dr. Storms has developed one of the most extensive LENR research records in existence. Much of this work has been made available in the public realm through his publication of papers and presentations at conferences. There is in addition an extensive body of research results that currently exist in Dr. Storms' private files. A project has been undertaken to compile the publicly-available documents and to capture, organize, and store the private records. The initiative, termed the "Storms LENR Research Development Project" is being performed by Dr. Storms and Dr. Thomas Grimshaw, who also has LENR interest in the area of public policy.

The Project is being accomplished in three stages – compilation, organization, and documentation. Stage 1 began in August 2015. Most of the work was performed onsite in Dr. Storms' home laboratory, with much of the recording of incremental steps taking place at the Energy Institute at The University of Texas at Austin. The accumulated records are stored in electronic form in the Cloud (Dropbox) and in hard-copy files in hanging folder tubs at Dr. Storms home lab. The records and descriptions obtained in the Project are in seven categories:

Publications	Hard Copy Records
Unpublished Progress Reports	Research Laboratory
Lab Notebooks (Work History)	LENR Library
Electronic Data Files	

The Electronic Data Files Component consists of subcomponents defined on the basis of their origin – Dr. Storms' current computer, ZIP discs, CDs, DVDs, VHS tapes, 3-1/2 inch floppy disks, and an external hard drive. LENR conferences in which Dr. Storms gave presentations and papers have been established as an eighth Component. Records were accumulated for the project during nine on site visits from August 2015 to April 2017.

This Stage 1 report provides a description of the information collected for the Project. The Components are described generally in the text and in more detail in appendices, which include a timeline (year and month) for the items of the collected records. The management of the project including methods, file management, storage, and reporting are also described. Stage 2 consists of an integration of the individual timelines and sorting by year and month to give an overall picture of Dr. Storms' LENR research as evidenced by the sequence of items in all of the Project Components. The Stage 3 report will include a synthesis of the records and findings of the Project.

1 Introduction

Cold fusion was announced by Dr. Martin Fleischmann and Dr. Stanley Pons at a press conference at the University of Utah in March 1989. The potential benefits of cold fusion (now widely referred to as low energy nuclear reactions, LENR) as a new source of energy were quickly realized. Numerous attempts have been made worldwide to confirm the LENR claim. Dr. Edmund Storms, one of the earliest researchers to follow up, has continued to conduct research and develop explanations in the 28 years since the announcement. As a consequence, he has created one of the most extensive LENR research records in existence.

Research at Los Alamos National Laboratory

Dr. Storms began his research career at Los Alamos National Laboratory (LANL) in the mid-1950s. His main research area was high-temperature materials, such as the carbides and nitrides. One of the major publications during this period was a book on the refractory carbides[1] (Figure 1-1). Two of the main LANL efforts that he contributed to were the nuclear rocket (Rover) and nuclear reactors in space (SP-100) programs[2].

LANL was one of the preeminent research organizations where early attempts were made to replicate LENR. No fewer than eight teams at LANL conducted different types of experiments for the replication. Dr. Storms led one of the research teams that had success, as indicated by production of tritium and anomalous heat as the unambiguous signatures. He continued his LENR research at LANL until his retirement in August 1991, after which he served as a consultant to the lab until 1993. During that time he authored or co-authored a number of papers and publications, and he gave testimony on LENR to the U.S. Congress in 1993[3].

[1] Storms, E., 1967, The Refractory Carbides. New York. Academic Press.

[2] Research at Los Alamos National Laboratory Prior to LENR Involvement.". Memo to Edmund Storms from Tom Grimshaw, December 17, 2015.

[3] Storms, E., 1993. Statement of Dr. Edmund Storms before Congress. in Hearing Before the Subcommittee on Energy of the Committee on Science, Space, and Technology, U. S. House of Representatives, One Hundred Third Congress, First Session. Washington, C.D.: U.S. Government Printing Office. p. 114.

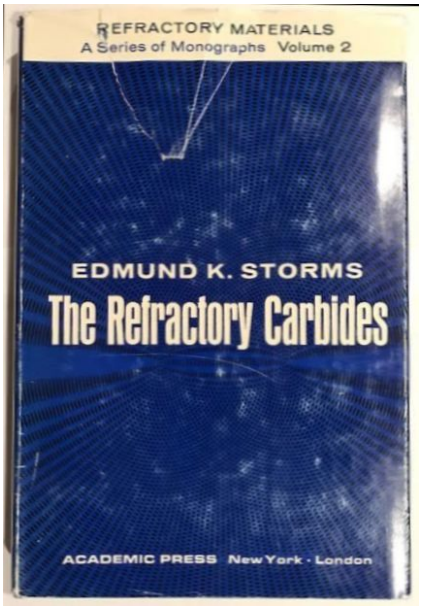


Figure 1-1
"The Refractory Carbides" by Edmund Storms

Research in Private Laboratory

In about June 1995, Dr. Storms began LENR experiments at his private laboratory in Santa Fe, New Mexico. This experimental work has continued up to the present day. During this timeframe, he has also made contributions to explanation of the LENR phenomenon. With few exceptions, Dr. Storms has given papers and presentations in the major LENR conferences from 1989 to 2014[4]. In the 2005 conference he was awarded the Preparata Medal, the most prestigious award of the LENR field. He has also written two comprehensive books on the topic.

Although he has collaborated with many individuals and organizations during his LENR research career, Dr. Storms has for the most part conducted his private research on an individual basis. He has authored many reports and papers and has given many presentations on the results of his research. At the same time, a large body of experimental data and reports was developed and currently exists in Dr. Storms' private collection of electronic and hard-copy files.

[4] International Conferences on Cold Fusion (ICCF) #1 to 18.

LENR Research Documentation Project

A project has been undertaken with the assistance of Dr. Thomas Grimshaw to collect and organize Dr. Storms' research files and make them more readily accessible. The initiative is referred to as the "Storms LENR Research Documentation Project" or "Project". Work began in August 2015[5] when Dr. Grimshaw made his first visit for information collection. Most of the work was performed onsite in Dr. Storms' home laboratory, with much of the recording of incremental steps taking place at the Energy Institute at The University of Texas at Austin.

After the August 2015 trip, eight additional visits were made in September, October, and December 2015, in January, February, April, and August 2016, and in March and April 2017. The "cutoff date" for the Project is December 31, 2015. Information was accumulated during the first seven visits ("Round 1"), and another large volume was added in Onsite Visit #8 in August 2016 ("Round 2").

Dr. Storms' LENR research record consists of publicly-available publications and unpublished information – laboratory notebooks, electronic data files, hard-copy files, and other materials. He has developed a sophisticated research lab and an extensive library of LENR publications to support his research. He has contributed to or participated in nearly all of the LENR conferences going back to 1989. The information obtained for the Storms LENR Research Documentation Project has been organized into the seven Components (defined primarily by the sources) shown below with abbreviations:

Publications, PUB	Hard Copy Records, HCF
Unpublished Progress Reports, UPR	Research Laboratory, RSH
Lab Notebooks (Work History), WRK	LENR Library, LLB
Electronic Data Files, EDF	

The EDF Component includes six subcomponents: Storms computer, Rounds 1 and 2 (SF1 and SF2); ZIP discs and Round 1 CDs (ZCD); Round 2 CDs, DVDs and VHS tapes (CVD); an external hard drive (EHD); and 3-1/2 inch floppy disks (FLD). LENR conferences attended by

[5] The Project was actually initiated in the Spring 2015 ("Professional Biography Initiative: Next Step". Memo to Ed Storms from Tom Grimshaw, June 10, 2015), but substantive effort began in August.

Dr. Storms comprise an eighth Component. These Components (and subcomponents) are described in the following sections of this Stage 1 report.

A draft of the Stage 1 report[6,7] was submitted in June 2016. Organization of the records in Stage 2 is being accomplished by developing an overall (integrated) timeline. In preparation for Stage 2, the descriptions of the categories therefore include timelines in appendices of this Stage 1 report.

As information was collected and assembled, memoranda were prepared periodically to record the accomplishments. The electronic records have been placed in the cloud (Dropbox) for ready accessibility. The hard-copy files, lab notebooks, photographs, and some of the media for electronic files (e.g., floppy disks, ZIP disks, CDs) have been placed in storage tubs with hanging folders and are located at Dr. Storms' home lab in Santa Fe. Additional information on the methods used in the Project is provided in Section 11, Project Management.

Conclusion

The future of humankind may well depend a great deal on achieving LENR and realizing its benefits as a clean, abundant, and inexpensive source of energy. Dr. Storms has played a key role in advancing understanding of the LENR phenomenon. Society will owe a great debt to Dr. Storms when LENR becomes a reality and is widely deployed as a source of energy.

Acknowledgments

The authors wish to extend their gratitude particularly to Ed Storms' wife, Carol. She participated extensively in the pursuit of LENR with Dr. Storms in the early days of the field. Most importantly for this Project, she was not only a gracious hostess for the onsite visits, but also a valuable source of information and perspective from her early experience in LENR research. JoAnne Grimshaw, Thomas' spouse, also provided support both on-site during the visits and in the Austin-based part of the Project.

[6] Cold Fusion Experiments and Theory Development: Documentation of Dr. Edmund Storms' LENR Research Career, Santa Fe, New Mexico, Stage 1 Report (Draft), June 16, 2016.

[7] A preliminary draft of the Stage 1 report with the same title was prepared on March 19, 2016.

Tom Claytor and Malcolm Fowler were also valuable resources for information about LENR development, particularly for the early efforts at LANL[8,9,10]. Acknowledgment is also given to the Energy Institute for supporting a LENR initiative within the organization. Thanks especially go to Fred Beach, Assistant Director, for taking an interest in LENR and serving as "mentor" for the Project and other activities such as energy policy toward LENR.

[8] The Project was preceded by initiatives by Dr. Storms and Dr. Grimshaw to establish a new laboratory in Santa Fe separate from Dr. Storms' home lab. These initiatives resulted in two versions of a proposal (see next footnotes), both in collaboration with Dr. Tom Claytor. Dr. Claytor, like Dr. Storms, is a retiree from Los Alamos National Laboratory who operates his own private LENR lab. It is located in White Rock, NM. Funding for the two initiatives has not yet been acquired.

[9] Storms, E., T. Grimshaw, and T. Claytor, 2013. Proposal for a Santa Fe LENR Research Laboratory, Los Alamos and Santa Fe, New Mexico. December.

[10] Claytor, T., E. Storms, M. Fowler, and T. Grimshaw (LENRGY Collaboration), 2015. Investigation of LENR for Energy Production. March.

2 Publications

During his long LENR research career, Dr. Storms has been a prolific author and co-author of publications on experimental results and proposed explanations of the LENR phenomenon. His principal publications are his two books, one published in 2007[11] and the other in 2014[12] (Figure 2-1). Another way that he contributed to the LENR field was by reporting the results of his research in publicly-available publications[13,14,15]. About 125 papers were prepared from 1989 to 2015. They comprise the Publications (PUB) Component of the project and are listed in a timeline format in Appendix A. On average Dr. Storms authored a remarkable four to five papers per year. Most of the publications were found in electronic (PDF) and hard copy form in his LENR Library, which is described in Section 8 below.

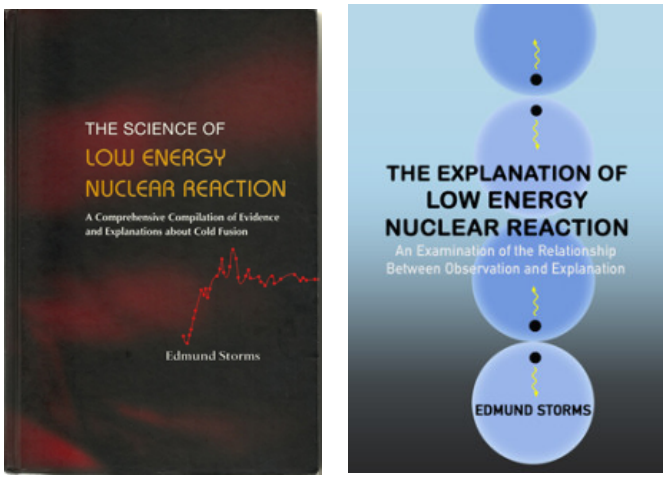


Figure 2-1.
Dr. Storms' 2007 and 2014 LENR Books.

[11] Storms, E.K., 2007. The Science of Low Energy Nuclear Reaction: a Comprehensive Compilation of Evidence and Explanations about Cold Fusion: Singapore, World Scientific Publishing.

[12] Storms, E.K., 2014. The Explanation of Low Energy Nuclear Reaction: an Examination of the Relationship Between Observation and Explanation. Concord, NH. Infinite Energy Press.

[13] "Collection of Papers and Publications". 16 Memos to Edmund Storms from Tom Grimshaw, September 16 to 26, 2015.

[14] " Summary of Collection of LENR Papers and Other Items". Memo to Edmund Storms from Tom Grimshaw, September 26, 2015.

[15] "Collection of LENR Papers and Other Items: Consolidated Files". Memo to Edmund Storms from Tom Grimshaw, November 29, 2015.

PDF copies of the publications listed in Appendix A have been placed in the Project Dropbox folder. The publications have also been assembled into "Collected Works" volumes[16,17] in both electronic and hard-copy form (Figure 2-2)[18]. The PDFs of the Collected Works are also in the Dropbox folder. The hard-copy volumes are in Dr. Storms' LENR Library, which is described in Section 8.

Although some of the publications appeared in mainstream peer-reviewed journals, most were in the dedicated LENR literature because most mainstream journals do not accept LENR papers. Dr. Storms also attended most of the International Conferences on Cold Fusion (ICCFs) from 1999 to 2013 (ICCF 1 to 18), where he gave presentations. In most cases a paper also appeared in a conference proceedings. The conferences attended by Dr. Storms are described in Section 9 below. Other frequent venues were Infinite Energy and the Journal of Condensed Matter Nuclear Science.

[16] "Collected Works of Cold Fusion (LENR) Papers". Memo to Edmund Storms from Tom Grimshaw, March 4, 2016.

[17] "Collected Works of Cold Fusion (LENR) Papers: Update". Memo to Edmund Storms from Tom Grimshaw, April 24, 2016.

[18] Edmund Storms LENR Research Papers, Collected Works, 3 Volumes. April 2016.

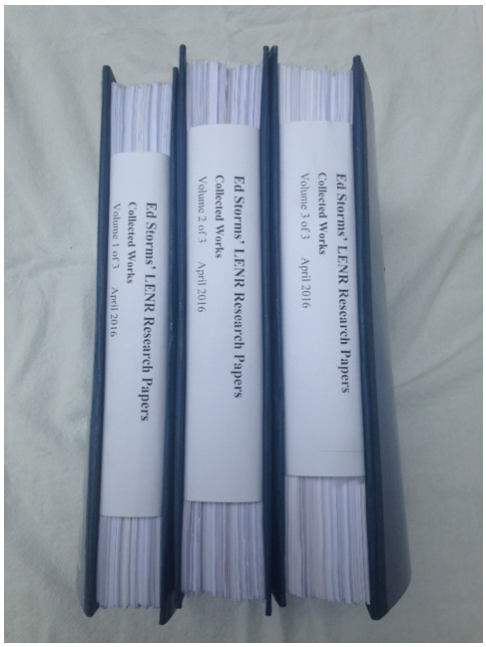


Figure 2-2.
The "Collected Works" Volumes of Dr. Storms' LENR Research Publications

3 Unpublished Progress Reports

During the same timeframe that he was authoring publicly-available publications, Dr. Storms was also documenting his LENR research results in unpublished internal reports[19,20,21,22,23]. These reports were often prepared to demonstrate progress and show results to sponsors of his work. They comprise the Unpublished Progress Reports (UPR) Component of the Project. Approximately 111 documents, which are listed in Appendix B in timeline format, have been found. They span a range from 1995 to 2015. Most of the documents came from the Electronic Data Files described in Section 5 below and were mixed in with data files from experimental results. Over 10,000 files were reviewed in locating the Progress Reports. Approximately 18 files in legacy word processor format (FullWrite) are not accessible and have not yet been included in the Project[24].

There is some overlap of the contents of the Unpublished Progress Reports and the Publications described in the preceding section because of the inevitable "gray area" between published and unpublished papers and because of the sequence in which the two sets of documents were assembled.

A "Collected Progress Reports" (Figure 3-1)[25] has also been prepared in electronic and hard-copy form in a similar manner to the Collected Works for the Dr. Storms' publications. The individual reports and the scans of the Collected Progress Reports are available on Dropbox. The hard-copy volumes are in Dr. Storms' LENR Library, which is described in Section 8.

[19] "Progress Reports in LENR Data File Collection". Memo to Edmund Storms from Tom Grimshaw, January 11, 2016.

[20] "Progress Report Candidates Found in Data Files from LENR Experiments". Memo to Edmund Storms from Tom Grimshaw, March 23, 2016.

[21] "Progress Reports and Related Documents in Files Received from ZIP Disks and CDs". Memo to Edmund Storms from Tom Grimshaw, March 31, 2016.

[22] "Progress Reports and Related Documents in Two Datasets for the Storms LENR Research Documentation Project". Memo to Edmund Storms from Tom Grimshaw, May 21, 2106.

[23] "Progress Reports and Related Documents in Two Datasets for the Storms LENR Research Documentation Project (Update)". Memo to Edmund Storms from Tom Grimshaw, May 28, 2016.

[24] "Assuring Access to Electronic Files Generated in LENR Research: Not Yet Achieved". Memo to Edmund Storms from Tom Grimshaw, September 25, 2016.

[25] Edmund Storms LENR Research Papers, Collected Progress Reports, 2 Volumes. May 2016.

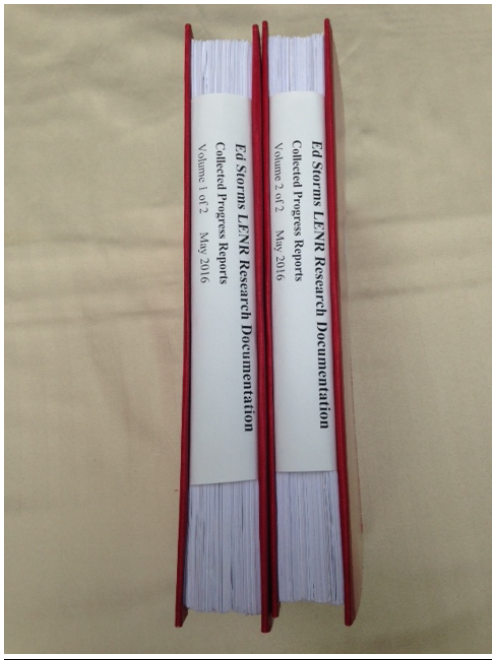


Figure 3-1.
The Volumes of Ed Storms' Unpublished "Collected Progress Reports"

4 Lab Notebooks (Work History)

As Dr. Storms performed his LENR experiments, he kept careful records in laboratory notebooks. Ten notebooks covering the period June 1995 to November 2015[26] have been added to the Project as the Work History (WRRK) Component[27]. They are listed in Table 4-1 and are shown in Figure 4-1[28]. The LENR laboratory where the work was done is described in Section 7.

Table 4-1.
Tabulation of Laboratory Notebooks

No.	Period Covered	Topic	Notebook Description
1	JUN95 – DEC96	Electrolytic Cells	Black w/ maroon trim. "Shaw's".
2	JAN97 – MAR98	Electrolytic Cells	Reddish, plain. "Blueline".
3	DEC98 – SEP01	Electrolytic Cells	Maroon, mottled. No Brand.
4	SEP01 – JAN04	Electrolytic Cells	(Case Effect). Black & white mottled. "Mead".
5	FEB04 – SEP05	Electrolytic Cells	Black. "Cambridge Executive".
6	AUG04 – JUN08	Gas Discharge	Black. "Cambridge Executive".
7	FEB08 – JUL09	Gas Loading	Blue w/ black trim. "Office Depot". "Records".
8	AUG09 – FEB14	Gas Loading	Blue-green w/ black trim. Tall vertical. "Office Depot".
9	MAY14 – MAY15	Gas Loading	Tall vertical. Dark blue. "Foray".
10	1AUG15 – 15NOV15	New Calorimeter	Black with white stripe. "Foray".

The "overlap" of notebooks 5 and 6 from August 2004 to September 2005 occurred because two different types of experiments (electrolytic cells and gas discharge) were taking place during the same timeframe.

The notebooks were carefully reviewed by Dr. Storms from August 2015 to January 2016. During this review, he summarized the lab activities as one-line entries in a spreadsheet[29,30,]. The resulting file has more than 2750 lines in the file. The spreadsheet is shown as a timeline table in

[26] Dr. Storms has continued to perform experiments and record the results in lab notebooks since November 2015, but the cutoff date for the Project is the end of 2015.

[27] "LENR Lab Notebook Inventory". Memo to Edmund Storms from Tom Grimshaw, August 18, 2015.

[28] "LENR Work History (Lab Notebooks): Status Update with Photo and Audio Recordings". Memo to Edmund Storms from Tom Grimshaw, April 20, 2016.

[29] "LENR Work History (Table Refinements and Additions after Final Submittal)". Memo to Edmund Storms from Tom Grimshaw, January 18, 2016.

[30] " Stage 1 Report: LENR Work History". Memo to Edmund Storms from Tom Grimshaw, February 19, 2016.

Appendix C and has been placed in the Project Dropbox folder. The lab notebooks are in the storage tubs (Tub IX; see Section 11).

Figure 4-1.
Ed Storms' LENR Laboratory Experiment Notebooks. Photo Taken April 2016.

5 Electronic Data Files

As Dr. Storms performed LENR experiments and made entries in the lab notebooks, the data generated were recorded in electronic files. These files were obtained for the Project from Dr. Storms' computer and from legacy media located in his office. The files comprise the Electronic Data Files (EDF) Component of the Project. In addition to experimental data, these files include published papers, progress reports, copies of emails, photos of lab equipment and experimental setups, and other files related to LENR research. Files were obtained in Round 1 before August 2016 and in Round 2 during Onsite Visit #8 in that month. The EDF Component consists of six subcomponents as follows:

- Storms Computer Files (Round 1), SF!
- Storms Computer Files (Round 2), SF2
- ZIP Disks and Round 1 CDs, ZCD
- Round 2 CDs, DVDs, and VHS Tapes, CVD
- External Hard Drive, EHD
- 3-1/2 Inch Floppies, FLD

The electronic files have been copied into the Project Dropbox folder. As noted in Section 3, some of the files cannot be accessed because they were created by software that is no longer available (e.g. FullWrite)[31]. The files obtained from Dr. Storms' computer and various legacy media are described in the following sections.

5.1 Storms Computer, Round 1

Dr. Storms provided files from his current computer during both Round 1 and Round 2 of Stage 1. The abbreviation SF (for "Storms Files") are used for both Rounds. The files obtained in Round 1[32,33] (SF1 files) are in five folders as shown in Table 5-1. Some 7749 files are in the SF1 category. The timeline for the SF1 files is in Appendix D1.

[31] "Assuring Access to Electronic Files Generated in LENR Research: Not Yet Accomplished". Memo to Edmund Storms from Tom Grimshaw, September 25, 2016. A search is underway to find a way to access the information.

[32] "Inventory of Data Files Accompanying Work History". Memo to Edmund Storms from Tom Grimshaw, December 28, 2015.

Table 5-1.
Folders and Subfolders in Component SF1 Files.

OLD DATA	DATA
DAQ	(10/25/09)
Gas Discharge	10/30/09
12/7/2012	Laser #2
12/7/12 (original)	Letts
10/24/12	Seebeck
2005	Seebeck design
2006	Shanahan
2007	THEORY OF LENR
2008	Letts Data
2009	SEEBECK CALORIMETER STUDY
Calorimeter studies 2004.spanned	Study using new calorimeter
Dot Ni+cu(8-29-13)	
Ni powder SEM	
Ni-Pd-Al-Li	
Optical Spectrum	
Pd on Si disc study	
Pd-B	
Pd-Ni-Cu radiation	
sputtering discharge	

5.2 Storms Computer, Round 2

The files added to the Project by Dr. Storms from his computer in Round 2 (Component SF2) include the following folders: [34]

- (4/17, 29-16)
- 9/7/15 A
- Current Science_files
- ICCF-19
- Reports (gas discharge)
- SEEBECK CALORIMETER STUDY
- Study using new calorimeter

The folders "SEEBECK CALORIMETER STUDY" and " Study using new calorimeter" appear to be the same as the folder in SF1. The folders in SF1 and SF2 have about the same number of files in both cases. The timeline for the SF2 files is in Appendix D2.

[33] " Detailed Inventory of Data Files from LENR Experiments". Memo to Edmund Storms from Tom Grimshaw, January 19, 2016.

[34] "Preliminary Inventory of Folders and Files Stored on Your Current Computer as Provided on August 10, 2016". Memo to Edmund Storms from Tom Grimshaw, October 27, 2016.

5.3 ZIP Disks and CDs (Round 1)

The ZIP disks and first set of CDs were obtained for the Project in Round 1[35,36] (Component ZCD). The files in the two sets of media (4 ZIP disks and 6 CDs, see Figure 5-1) were grouped into one folder when first collected. For purposes of development of the timeline for the files, they have been allocated by the source ZIP disk or CD[37]. The sources are shown in Table 5-2 with the number of folders contained in each. The folders in each source are delineated in the timeline table, which is in Appendix D3. The ZIP disks and CDs have been placed in the Project storage tubs as described in Section 11.

Table 5-2
Folders in ZIP Disks and CDs

	Name	Folders
ZIP Disk Z1	PD Study	20
ZIP Disk Z2	Work in Progress	17
ZIP Disk Z3	ZIP 100	4
ZIP Disk Z4	Carol	17
Round 1 CD1	(No Name)	TBD
Round 1 CD2	Documents 1/3/04	31
Round 1 CD3	Documents – Part 12 of 15	12
Round 1 CD4	SEM Data	1
Round 1 CD5	My Disk	1 file
Round 1 CD6	My Disk	1 file

[35] "Inventory of Files Received from ZIP and CD Disks". Memo to Edmund Storms from Tom Grimshaw, November 19, 2015.

[36] "Detailed Inventory of Files Received from ZIP and CD Disks". Memo to Edmund Storms from Tom Grimshaw, March 27, 2016.

[37] "Location of ZC Folders and Files in Source Media: ZIP Disks and CDs". Memo to Edmund Storms from Tom Grimshaw, October 25, 2016.

A. ZIP Disks

B. CDs

Figure 5-1. Legacy Media Containing ZC Electronic Data Files

5.4 CDs (Round 2), DVDs, and VHS Tapes

During Onsite Visit #8, August 2016[38] and Onsite Visit #9, March 2017[39], many LENR-related CDs, DVDs, and VHS tapes were added to the Project (Component CVD). These additions are in eight sets consisting of a total of 97 items (disks and tapes) as shown in Table 5-3.

Table 5-3.
Summary of Sets of Items in Project Component CVD

Set	Description	Items*	Copied
CV1	Storms Generated LENR Research Files	18	C
CV2	Storms 2007 Book, Cold Fusion References, Etc.	29	C
CV3	ICCF Conferences, Cold Fusion Movies, Etc.	18	P
CV4	Miscellaneous Cold Fusion Related Topics	4	N
CV5	Application Software Discs	6	P
CV6	DVDs from LENR Library	13	P
CV7	CDs Containing SEM Images	3	C
CV8	VHS Tapes	6	N

* Disks and tapes

Photos of sets CV1 to CV5 and five of the VHS tapes are shown in Figure 5-2. Sets CV1, CV2, and CV7 have been copied, and the files have been placed in the Project Dropbox folder. Sets CV3, CV5, and CV6 have been partially copied. The contents of each of the eight sets are listed in the timeline table, which is in Appendix D4. The eight sets of items have been placed in the Project storage tubs as described in Section 11.

[38] "Inventory of CDs and DVDs Added During Onsite Visit #8 and from Storms' LENR Library". Memo to Edmund Storms from Tom Grimshaw, October 23, 2016.

[39] "Tabulation of the Contents of CDs, DVDs and VHS Tapes in Project Component CVD". Memo to Edmund Storms from Tom Grimshaw, April 11, 2017.

CDs, Sets CV1 to CV5

VHS Tapes, Set CV8. Tape CV8-6 was added after the photo was taken.

Figure 5-2.
Photo of CDs and VHS Tapes Added to Project During Round 2 (Onsite Visit #8)

5.5 La Cie External Hard Drive

During Round 2 additional electronic files were added to the Project from a LaCie 8900 external hard drive[40] (Component EHD, see Figure 5–8). The folders on the hard drive are listed in Table 5-5 with the number of files in each folder. Additional detail is provided in the timeline, which is in Appendix D5. The external hard drive has been placed in the Project storage tubs as described in Section 11.

Figure 5-3
LaCie 8900 External Hard Drive. Scale indicated by thumb drive.

[40] "Folders and Files Stored on LaCie 8900 External Hard Drive: Preliminary Inventory". Memo to Edmund Storms from Tom Grimshaw, October 28, 2016.

Table 5–5.

Folders and Files in the LaCie 8900 Hard Drive

Folder	Files
Addresses	4
Archive ARTICLES	652
Archive, GENERAL	268
CAROL (Selected)	303
Case Study	161
CURRENT ARTICLES	215
Ed's stuff	298
Ed's Website	287
EndNote	18
High Temp Data set	5
ICCF-11	10
Important Papers	140
Ken Wolf Commodities	13
LENR CD Partial	208
LENR site	18
Lenr-canr	8
manuals	26
MILEY DATA	7
Pd STUDY	1777
PERSONAL BIO	3
Photo ion detector	3
PICTURES	7
Pt 2004	6
Pt Dot 3	9
Pt Dot 4	8
Pt-Pd(10-16-05)	6
Recent data	35
RGA application	1
Seebeck converter#1	14
SEM scans of Case samples	6
WORK IN PROGRESS	1228
Total	5744

5.6 Floppy Disks

Another addition of electronic files in Round 2 consisted two sets of 3 1/2-inch floppy disks, one from various locations in Dr. Storms' office and the other from a carousel designed for discs of this size[41] (Project Component FLD, see Figure 5-4). Table 5-6 lists the labels and files of the disks from the carousel, and Table 5-7 similarly shows the contents of the disks from the office. Additional detail is provided in the timeline, which is in Appendix D6. The floppy disks have been placed in the Project storage tubs as described in Section 11.

Figure 5-4
Carousel for 3-1/2-Inch Floppy Disks

[41] "Inventory of 3.5-Inch Floppy Disks Added to Project During Onsite Visit #8 (August 2016)". Memo to Edmund Storms from Tom Grimshaw, October 22, 2016.

Table 5-6
Contents of Floppy Disks in Carousel

No	Disk Label	Contents	Files & Folders
FLD1	1d to now	Pd #1d to now	6
FLD 2	Calibration	Calibration Test #1-22	24
FLD3	calorimeter	Calorimeter drawings calorimeter graphs	53
FLD4	calorimeter data	excell calibration Pt Test #1-19 + Summary	29
FLD5	CF data	cold fusion data folder 1991 Tritium Production	141
FLD6	CF text archives	Cold Fusion Text archives 10	30
FLD7	Cold Fusion Letters	1989 - 1993	233
FLD8	Cold fusion talk	*Cold Fusion talk*	14
FLD9	J#4	2/29 – 9/5	9
FLD10	J#4-2	J#4 3/29 – graphs & summary	14
FLD11	Papers	Effect of Hydriding – Paper & data Electrolytic Tritium – Paper & data	61
FLD12	papers2	28th Intersociety CANR-Paper ICCF-4 Minsk conf. Review – 1991 Electrolytic heat	38
FLD13	Pd #24-12c	Excell data Pd #24 to 12c Excess volume	24
FLD14	Pd charging #1-10	Excell data Pd charging Pd #1 - #10	12
FLD15	Progress	Cold Fusion Progress & emos & proposal	26
FLD16	Star C	Star C*Cold Fusion Text Archives	27
FLD17	Talks	Various CF Talks	63
FLD18	tritium study	Tritium Data	51

Table 5-7
Contents of Floppy Disks from Dr. Storms' Office

No	Disk Label	Contents	Files & Folders
FLD19	Cold Fusion	Cold Fusion, archives data	36
FLD20	backup	Physical Study Data Index 1990	25
FLD21	Hypervard	Backup	5
FLD22	Letters	Cold Fusion Letters 1984- patterson data	83
FLD23	21 Century	Cold Fusion, An Outcast of Science E. Storms 9/97 97401 DC _ 001 Mac disc FullWrite, Text only MacWrite 5.0. II	5
FLD24	LABS PROPOSAL	➔Ed Storms from Steve Jones PROPOSAL LABS	3
FLD25	storms	What ever happened to Cold Fusion? Edmund Storms Mac disc 98463 MMH001	19
FLD26	(Not readable)	How to produce P-F effect FP Award When to listen ICCF-4 photocopy	2

6 Hard Copy Records

Many hard-copy files have been added to the Project by Dr. Storms as Component HCR. The files are from his office and a storage area in his basement. The files, which include materials from Dr. Storms' early LENR research at LANL, have been organized into 32 Sets and reviewed with him to provide context[42,43,44]. They have been placed in storage tubs with hanging folders as described in Section 11. The Sets and their sources as well as their locations in the storage tubs are listed in Table 6-1. An inventory of the files has been completed, and dates have been assigned as shown in Appendix E[45].

Table 6-1.
Hard Copy Sets, Showing Their Source and Storage Location

Set(s)	Source	Tub
1 – 3	Basement	I
4 – 8	Basement	II
9 – 16	Basement	III
17	Basement	IV
18	Storms' Office	V
19 – 21	Storms' Office	VI
None	Retired; Files Moved to Other Sets	VII
22 – 32	Files Added or Reorganized	VIII

A principal objective of the Project is to make the research records as accessible as possible. An effort has therefore been initiated to scan the hard copy files into electronic (PDF) form[46]. Because of the large volume of the files, they are being scanned on a prioritized basis. The components that have been scanned are indicated in the timeline table in Appendix E. The PDF files have been copied into the Project Dropbox folder.

[42] "Index for Hard-Copy Files". Memo to Edmund Storms from Tom Grimshaw, September 6, 2015.

[43] "Stage 1 Report for Hard Copy Files Stored in Tubs". Memo to Edmund Storms from Tom Grimshaw, February 19, 2016.

[44] "Completion of Stage 1 Processing Hard Copy Files Stored in Tubs". Memo to Edmund Storms from Tom Grimshaw, April 21, 2016.

[45] "Hard Copy Files: Assignment of Dates and File Reorganization". Memo to Edmund Storms from Tom Grimshaw, October 19, 2016.

[46] "Scanning of Hard-Copy Files: Stage 1". Memo to Edmund Storms from Tom Grimshaw, January 9, 2016.

7 Research Laboratory

Dr. Storms has developed a sophisticated operation for LENR experiments in the annex to his home laboratory in Santa Fe. He has conducted experiments using almost all methods for achieving the LENR effect, including the electrolytic, gas loading, gas discharge, and other methods[47]. The lab consists of a flexible apparatus for preparing samples and performing experiments as well as a sophisticated scanning electron microscope (SEM). A typical experiment setup, in this case using the gas loading method, is shown in Figures 7-1. The SEM, which has energy-dispersive X-ray (EDX) spectroscopy capability for determining the elemental composition of the surface, is shown in Figure 7-2. An exterior photo of Dr. Storms' home laboratory is in Figure 7-3.

Dr. Storms has utilized many types of experimental setups during his years of LENR investigations[48,49]. Examples of electrolytic cells and calorimeters are shown in Figure 7-4. The calorimeter and electrolytic cell used in Dr. Storms' earliest experiments at Los Alamos National Laboratory are shown in Figure 7-5.

The lab operation began in about June 1995, when it was set up in the lower floor of the main part of Dr. Storms' home. It was subsequently moved to its current location in the lower floor of the annex to the home. A specific timeline of experiments and activities in the lab has not yet been developed specifically for the lab. Appendix F provides a location for a timeline for a future potential Project Component RSH.

[47] "Description of LENR Laboratory Facilities, Santa Fe, NM As Of January 2015". Memo to Edmund Storms from Tom Grimshaw, December 9, 2015.

[48] "Electrolytic Cells and Calorimeters Used in LENR Research". Memo to Edmund Storm from Tom Grimshaw, September 26, 2016.

[49] "Photographs of LENR Research Activities: Conferences and Meetings, Laboratories, and Electrolytic (and Related) Cells". Memo to Edmund Storms from Tom Grimshaw, December 20, 2016.

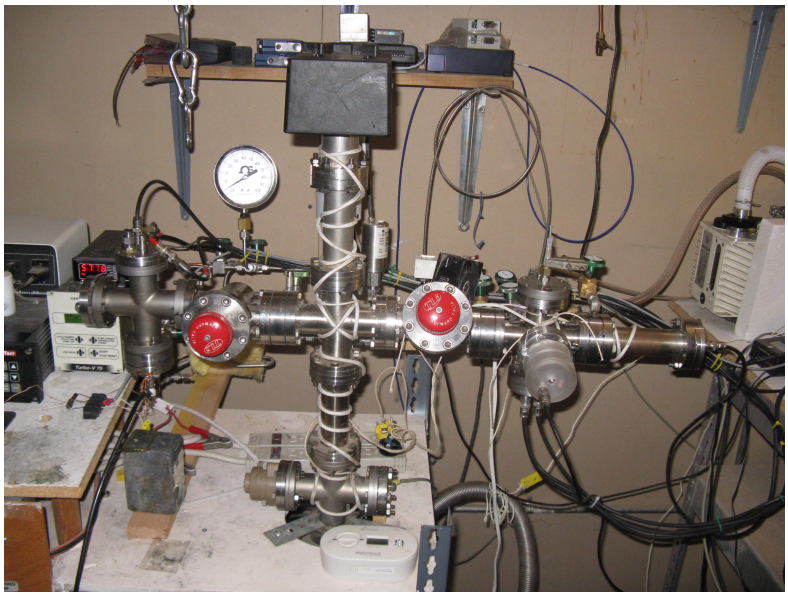


Figure 7-1. Gas Loading Setup.
Experiment is on the right arm and sample preparation is on the left arm.
A mass spectrometer is on the upper arm.

Figure 7-2.
Scanning Electron Microscope (SEM) with Energy-Dispersive X-Ray (EDX) Spectroscopy Capability.
The SEM is the tall vertical cylinder. The EDX is the instrument just to the left of the SEM.

Figure 7-3.
Exterior View of Dr. Storms' Home Laboratory near Santa Fe, NM.
The lab is on the lower floor of the annex to the home. Photo taken April 2016.

Figure 7-4.
Electrolytic Cells and Calorimeters.
Examples have different objectives and associated design and operation. Thumb drive is 2.75 in long.

- Upper Electrolytic Cell: Designed to explore the location of active sites in the sample.
- Second Item from Top: Jacket for isoparabolic calorimeter. Used before Seebeck calorimeters.
- Three Cells in Lower Part of the Photo: Typical electrolytic cells used for LENR studies. All go inside Seebeck calorimeters.

Figure 7-5.
Calorimeter Used by Dr. Storms at LANL for Early LENR Studies at Los Alamos National Lab. Note the electrolytic cell inside the cell near the bottom. Thumb drive is 2.75 in long. Photo taken April 2016.

8 LENR Library

During his long research career, Dr. Storms accumulated one of the best libraries of LENR publications, books, and related materials in the world. The library is located in Dr. Storms' office. It consists of electronic files (5000 LENR papers and similar items), hard-copy papers (at least 1700 papers, some of which are also in the electronic file collection), and over 120 books and similar items[50,51]. The bookshelves containing the hard-copy papers and books are shown in Figure 8-1. The bookshelf holdings are listed with year and date in Appendix G.

The electronic files are maintained in Endnote by Dr. Storms. Copies have been incorporated in the Project folder on Dropbox. The hard-copy papers are on the bookshelves (about 30 feet of shelf space) in Dr. Storms' office in Santa Fe. The books, which are on four bookshelves adjacent to the hard-copy papers, include conference proceedings (particularly for ICCF conferences), books on LENR, journals (Infinite Energy, 21st Century Science & Technology, Journal of Fusion Technology), and other paper copies of LENR materials. Particularly noteworthy in this collection is an almost complete set of materials obtained by Dr. Storms during his attendance at ICCF conferences. This is one of the most complete collections of these materials available, as they are not routinely collected and stored by mainstream libraries. Dr. Storms' library also contains a complete collection of 125 Infinite Energy magazines.

Most of the holdings of the LENR Library are by authors other than Dr. Storms. However, many of the materials on the bookshelves were collected by Dr. Storms when he attended conferences and participated in other LENR-related activities. A timeline has been prepared for this portion of the Library contents. A group of CDs found in the Library was subsequently removed and added to the Round 2 collection of CDs[52] (Project Component CVD, Set CV6. See Section 5.4).

[50] "Stage 1 Summary: LENR Library Holdings". Memo to Edmund Storms from Tom Grimshaw, February 22, 2016.

[51] "Inventory of Bookshelf Materials in Storms' Office". Memo to Edmund Storms from Tom Grimshaw, April 17, 2016.

[52] "Inventory of CDs and DVDs Added During Onsite Visit #8 and from Storms' LENR Library". Memo to Edmund Storms from Tom Grimshaw, October 23, 2016.

Figure 8-1.
Dr. Storms with Hard-Copy Publications of the LENR Library.
Photo taken October 2015. The bookshelves in the center of the photo contain individual LENR papers. On the right, bookshelves contain books, journals, and conference proceedings.

Dr. Storms' publication collection also formed the "kernel" of an online library, LENR-CANR.org, which was started in about 2002 by Jed Rothwell and Dr. Storms[53].

[53] Rothwell , J., and E. Storms, 2003. The LENR-CANR Website, Its Past and Future. Proceedings of ICCF-10, p. 939-942. August.

9 Conferences

Dr. Storms has attended most of the LENR-related conferences and has given presentations and prepared papers for the proceedings of those that he attended. In particular, he attended most of the International Conferences on Cold Fusion (ICCFs) from 1992 to 2015 (ICCF-1 to 18). The papers that he presented in these conferences are selected from Appendix A and are listed in Appendix H. Drs. Storms collected the proceedings, abstracts, and related materials from these conferences and has placed them in his LENR Library as described in Section 8. These materials are also referenced in Appendix H.

Dr. Storms received the Preparata Medal, the highest award in the LENR field, in 1995 at ICCF-5, when the conference was held in Monte Carlo, Monaco. A picture taken of Dr. Storms with Charles Beaudette during that conference[54] appears in Figure 9-1. A photo of his Preparata Medal is in Figure 9-2. A picture of Martin Fleischman taken by Dr. Ed or Carol Storms at ICCF-7 at Vancouver, BC in 1998[55] is shown in Figure 9-3. Photos taken at ICCF-10 (with Michael Melich) at Cambridge, Massachusetts in 2003[56], at ICCF-12 (with Tom Passel) in 2005 at Yokohama, Japan, and at ICCF-14 (with Cantwell and Matt McConnell) in 2008 at Washington, D.C.[57] are shown in Figures 9-4, 9-5, and 9-6.

[54] McKubre, M., 2015. A Brief History and Introduction to the International Conference Series, Part 2, ICCF-4 to ICCF-6. "History" on ICCF-19 website. Online. Available: http://www.iccf19.com/history.html.

[55] "Photographs of LENR Research Activities: Conferences and Meetings, Laboratories, and Electrolytic (and Related) Cells". Memo to Edmund Storms from Tom Grimshaw, December 20, 2016.

[56] McKubre, M., 2015. A Brief History and Introduction to the International Conference Series, Part 4, ICCF-10 to ICCF-12. "History" on ICCF-19 website. Online. Available: http://www.iccf19.com/history.html.

[57] McKubre, M., 2015. A Brief History and Introduction to the International Conference Series, Part 5, From ICCF-13 to ICCF-15. "History" on ICCF-19 website. Online. Available: http://www.iccf19.com/history.html.

Figure 9-1.
Dr. Storms with Charles Beaudette at ICCF-5, Monte Carlo, 1995. Photo Courtesy: Gene Mallove.

Figure 9-2.
Dr. Storms' Preparata Metal, Which He Received in 2005. Photo Taken by Tom Grimshaw, April 2016

Figure 9-3.
Martin Fleischmann at ICCF-7, Vancouver, BC, 1998. Photo by Ed or Carol Storms.

Figure 9-4.
Dr. Storms with Michael Melich at ICCF-10, Cambridge, MA, 2003. Photo Courtesy: Gene Mallove.

Figure 9-5.
Dr. Storms with Tom Passell, Enjoying Taiko Drums at ICCF-12, Yokohama, Japan, 2005.
Photo Courtesy: David Nagel.

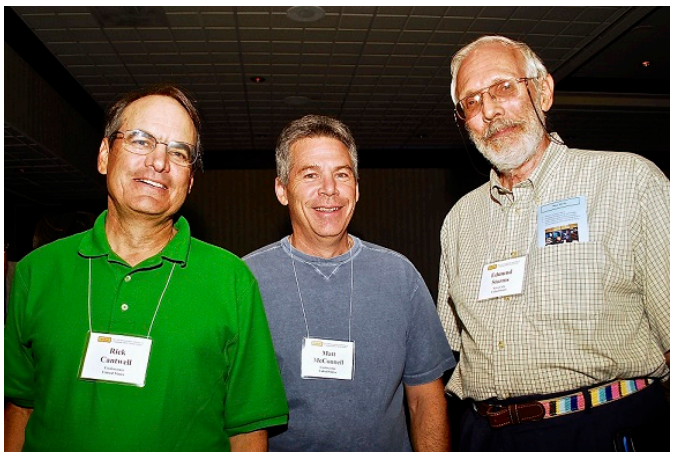


Figure 9-6.
Dr. Storms with Rick Cantwell (left) and Matt McConnell at ICCF-14, Washington, DC, 2008.
Photo Courtesy: Duy Tran.

Dr. Storms has provided papers and made presentations at a number of other conferences as well. They are listed below, and the papers may be found in Attachment A.

- American Physical Society (2003)
- American Chemical Society (1999)
- Institute of Electrical and Electronic Engineers (IEEE) (1995)
- Electric Power Research Institute (EPRI) (1994)
- U.S. Naval Research Laboratory (2001)
- Japan Cold Fusion Research Society (2002)
- Academy for New Energy (1997)
- Integrity Research Institute (1999)

10 Timelines for Project Components

The timelines for the 13 Project Components and Subcomponents in Appendices A to H have a consistent format of six columns:

- Component (Comp)
- Number (No)
- Year
- Month (Mon)
- Item or Event
- Notes

This uniform format was established so that the timelines can be readily combined and sorted for the Integrated Timeline in Stage 3. To provide additional context, a timeline has been added (Appendix I) that is derived from Dr. Storms 2007 book[58].

Abbreviations been adopted for the Components in Column 1 of the individual timelines to allow ready recognition of the items (rows) in the Integrated Timeline as follows:

Publications	10PUB
Unpublished Progress Reports	20UPR
Work History	30WRK
Storms Computer Files (Round 1)	41SF1
Storms Computer Files (Round 2)	42SF2
ZIP and Round 1 CD Electronic Files	43ZCD
Round 2 CDs, DVD Files and VHS Tapes	44CVD
External Hard Drive Files	45EHD
3–1/2 Inch Floppy Files	46FLD
Hard Copy Records	50HCR
Research Laboratory	60RSH
LENR Library	70LLB
Conferences	80CON
2007 Book	90BOK

Within each Component the items are numbered sequentially (for example, PUB1, PUB2, PUB3,… for Publications).

[58] Storms, E.K., 2007. The Science of Low Energy Nuclear Reaction: a Comprehensive Compilation of Evidence and Explanations about Cold Fusion: Singapore, World Scientific Publishing. Chapter 2.

The year associated with each item in the timeline has been assigned for most of the tiems. Where available, the month is also shown. For convenience in interpreting the Integrated Timeline in Stage 2, the number "13" is given as the month when the actual month cannot be determined. This assignment is made so that the items or events having the actual month appear before the items for which the year (but not the month) is known.

Because of variations in the contents of the Components, there are differences in the entries of the last two columns (Item or Event and Notes). And because of differences among the Components, the level of detail also varies somewhat.

11 Project Management

Standard project management practices were used for the Storms LENR Research Documentation Project insofar as possible. An incremental approach was used since the full scope of the research materials was not known in advance. The project was initiated in June 2015, but substantive work started in August 2015[59].

11.1 Methods

As noted in Section 1, the Project is being accomplished in three stages – information collection, organization, and report preparation (Career Summary). Most of the work was performed onsite in Dr. Storms' home laboratory in Santa Fe, New Mexico, with much of the recording of incremental steps taking place at the Energy Institute at The University of Texas at Austin. Onsite visits were made from Austin to Santa Fe for 3 to 7 days at a time to interview Dr. Storms and collect information:

Trip	Date	Trip	Date
1	August 2015	6	February 2016
2	September 2015	7	April 2016
3	October 2015	8	August 2016
4	December 2015	9	March 2017
5	January 2016	10	Planned

Both electronic files and hard-copy materials were included in the information documenting Dr. Storms' research record. The information and materials obtained were in several locations at Dr. Storms' home – on the hard disk of his current computer and legacy electronic media (floppy disks, ZIP disks, CDs, DVDs), in his office (which includes his LENR Library), in his current laboratory, and in a basement under his home.

11.2 File Management and Storage

The electronic files have been organized and copied into a Dropbox folder set up for the Project. The hard-copy files and related materials are in a set of storage tubs in Dr. Storms' home.

[59] "Professional Biography Initiative: Next Step". Memo to Ed Storms from Tom Grimshaw, June 10, 2015.

11.2.1 Electronic Files

The sources of the electronic files are from Dr. Storms' current computer and legacy media. Electronic information has been copied into a Dropbox folder set up for the Project. Dropbox is described in Wikipedia[60] as follows:

> Dropbox is a file hosting service operated by Dropbox, Inc., headquartered in San Francisco, California, that offers cloud storage, file synchronization, personal cloud, and client software. Dropbox allows users to create a special folder on their computers, which Dropbox then synchronizes so that it appears to be the same folder (with the same contents) regardless of which device is used to view it. Files placed in this folder are also accessible via the Dropbox website and mobile apps.

The organization of the Dropbox folder follows the Project Components:

Stage 1
- 5 Stage 1 Report
- 10 Publications
- 20 Progress Reports
- 30 Work History
- 40 Data Files from Storms' Computer
- 45 Data Files from CDs & ZIP Disks
- 50 Hard Copy Records
- 60 Research Laboratory
- 70 LENR Library
- 90 Project Management

Stage 2
- 5 Stage 2 Report
- 10 Publications
- 20 Progress Reports
- 40 Electronic Files
- 50 Hard Copy Files
- 60 Research Laboratory
- 80 Conferences
- 90 Project Management

Stage 3
- 5 Stage 3 Report
- 90 Project Management

The floppy disks, CDs, and other legacy media have been placed in the storage tubs as described below.

11.2.2 Storage Tubs

The hard-copy files described in Section 6 as well as materials for other Project Components have been placed in storage tubs that are kept at Dr. Storms' home laboratory in Santa Fe. The tub contents are summarized in Table 11-1. Tubs I to VIII contain hanging folders with the Sets of hard-copy files (Component HCF) described in Section 6. Tubs IX to XII are used for other Project Components. Nine of the 13 tubs are shown in Figure 11-1.

[60] Dropbox on Wikipedia. Online. Available: https://en.m.wikipedia.org/wiki/Dropbox_(service)

Table 11-1.
Organization of Storage Tub Contents

Tub	Description	Sets
I	Files from Basement	1-3
II	Files from Basement	4-8
III	Files from Basement	9-16
IV	Files from Basement	17
V	Files from Office	18
VI	Files from Office	19-21
VII	Retired	Sets Moved to Other Tubs
VIII	Files Added or Reorganized	22-32
IX	Lab Notebooks and 2014 Book (Preprints)	– –
X	ZCD and CVD (CDs, DVDs, and VHS Tapes)	– –
XI	EHD (Hard Disk), FLD (Floppies), and Selected FLD Prints	– –
XII	Extra Copies of Journals	
XIII	Filing Supplies	– –

Figure 11-1.
Nine of the Hanging File Storage Tubs
Located in Storage Room at Dr. Storms' Home Laboratory in Santa Fe

11.3 Reporting

The two primary means of reporting were memos prepared to record progress and the reports for Stages 1, 2, and 3. Approximately 50 memos were prepared to document progress during Round 1 (June 2015 to June 2016) and about 20 memos for Round 2 (July 2016 to March 2017). These memos are referenced throughout this Stage 1 report. The Round 1 memos are listed in Table 11-2 and Round 2 memos are in Table 11-3. A printed compilation of the memos prepared in Round 1 has been placed in ring binders (Figures 11-2). A similar compilation is being prepared for Round 2 memos. The contents of both compilations have been scanned and placed in the Project Dropbox folder.

This second draft of the Stage 1 report was prepared in Preliminary Draft form on March 19, 2016 and as a Draft on June 16, 2016. A Preliminary Draft of the Stage 2 report was submitted on July 21, 2016 and is being updated. The Stage 3 report is in preparation.

In addition to the memos and reports, volumes were assembled for the Collected Works (April 2016) as described in Section 2 and for the Collected Progress Reports (May 2016) as described in Section 3.

Table 11-2.

Memos for Round 1 of the Storms LENR Documentation Project

Publications

Date	Subject
9/16/15	Collection of Papers and Publications: Part 1
9/17/15	Collection of Papers and Publications: Part 2
9/19/15	Collection of Papers and Publications: Part 3
9/19/15	Collection of Papers and Publications: Part 4
9/20/15	Collection of Papers and Publications: Part 5
9/21/15	Collection of Papers and Publications: Part 6
9/21/15	Collection of Papers and Publications: Part 7
9/22/15	Collection of Papers and Publications: Part 8
9/22/15	Collection of Papers and Publications: Part 9
9/22/15	Collection of Papers and Publications: Part 10
9/23/15	Collection of Papers and Publications: Part 11
9/23/15	Collection of Papers and Publications: Part 12
9/23/15	Collection of Papers and Publications: Part 13
9/25/15	Collection of Papers and Publications: Part 14
9/26/15	Collection of Papers and Publications: Part 15
9/26/15	Collection of Papers and Publications: Part 16
9/26/15	Summary of Collection of LENR Papers and Other Items
11/29/15	Collection of LENR Papers and Other Items: Consolidated Files
3/4/16	Collected Works of Cold Fusion (LENR) Papers
4/24/16	Collected Works of Cold Fusion (LENR) Papers: Update

Unpublished Progress Reports

Date	Subject
1/11/16	Progress Reports in LENR Data File Collection
3/23/16	Progress Report Candidates Found in Data Files from LENR Experiments
3/31/16	Progress Reports and Related Documents in Files Received from ZIP Disks and CDs
5/21/16	Progress Reports and Related Documents in Two Datasets for the Storms LENR Research Documentation Project
5/28/16	Progress Reports and Related Documents in Two Datasets for the Storms LENR Research Documentation Project (Update)

Lab Notebooks (Work History)

Date	Subject
8/18/15	LENR Lab Notebook Inventory
1/18/16	LENR Work History (Table Refinements and Additions after Final Submittal)
2/19/16	Stage 1 Report: LENR Work History
4/20/16	LENR Work History (Lab Notebooks): Status Update with Photo and Audio Recordings

Table 11-2. (Continued)

Electronic Data Files for Work History[61]

Date	Subject
12/28/15	Inventory of Data Files Accompanying Work History
1/19/16	Detailed Inventory of Data Files from LENR Experiments

Date	Subject
11/19/15	Inventory of Files Received from ZIP and CD Disks
3/27/16	Detailed Inventory of Files Received from ZIP and CD Disks
3/31/16	Progress Reports and Related Materials in Files Received from ZIP Disks and CDs

Hard Copy Records

Date	Subject
9/6/15	Index for Hard-Copy Files
1/9/16	Scanning of Hard-Copy Files: Stage 1
2/19/16	Stage 1 Report for Hard Copy Files Stored in Tubs
4/21/16	Completion of Stage 1 Processing Hard Copy Files Stored in Tubs

Research Laboratory

Date	Subject
12/9/15	Description of LENR Laboratory Facilities, Santa Fe, NM As Of January 2015

LENR Library

Date	Subject
2/22/16	Stage 1 Summary: LENR Library Holdings
4/17/16	Inventory of Bookshelf Materials in Storms' Office

Management and Reporting

Date	Subject
6/10/15	Professional Biography Initiative
11/1/15	Storms LENR Documentation Project: Status and Next Steps
12/17/15	Storms LENR Documentation Project: Status and Next Steps
12/26/15	Summary of Meetings During December 19 to 23 Visit
2/1/16	Summary of Memos Describing Components of Storms LENR Research Documentation Project
2/13/16	Storms LENR Research Documentation: Status and Proposed Next Steps
5/30/16	Candidate Photos for Storms LENR Research Documentation Project
6/1/16	Summary of Memos Describing Components of Storms LENR Research Documentation Project (Update)

[61] Two sets of files (referred to as SF and ZC) were obtained from different sources. They are described in Section 2.4.

Table 11-3.

Memos for Stage 1, Round 2, of the Storms LENR Documentation Project

Electronic Data Files

Date	Subject
9/25/15	Assuring Access to Electronic Files Generated in LENR Research: Not Yet Accomplished
10/22/16	Inventory of 3.5-Inch Floppy Disks Added to Project During Onsite Visit #8 (August 2016)
10/23/16	Inventory of CDs and DVDs Added During Onsite Visit #8 and from Storms' LENR Library
10/25/16	Location of ZC Folders and Files in Source Media: ZIP Disks and CDs
10/27/16	Preliminary Inventory of Folders and Files Stored on Your Current Computer as Provided on August 10, 2016
10/28/16	Folders and Files Stored on LaCie 8900 External Hard Drive: Preliminary Inventory
4/9/17	Additions to and Reorganization of Electronic Media in Project Storage Tubs
4/11/17	Tabulation of the Contents of CDs, DVDs, and VHS Tapes in Project Component CVD

Hard Copy Records

Date	Subject
10/19/16	Hard Copy Files: Assignment of Dates and File Reorganization
4/1/17	Additional File Boxes for Hard Copy Files (Project Component HCF)

Research Laboratory

Date	Subject
9/26/16	Electrolytic Cells and Calorimeters Used in LENR Research
12/20/16	Photographs of LENR Research Activities: Conferences and Meetings, Laboratories, and Electrolytic (and Related) Cells

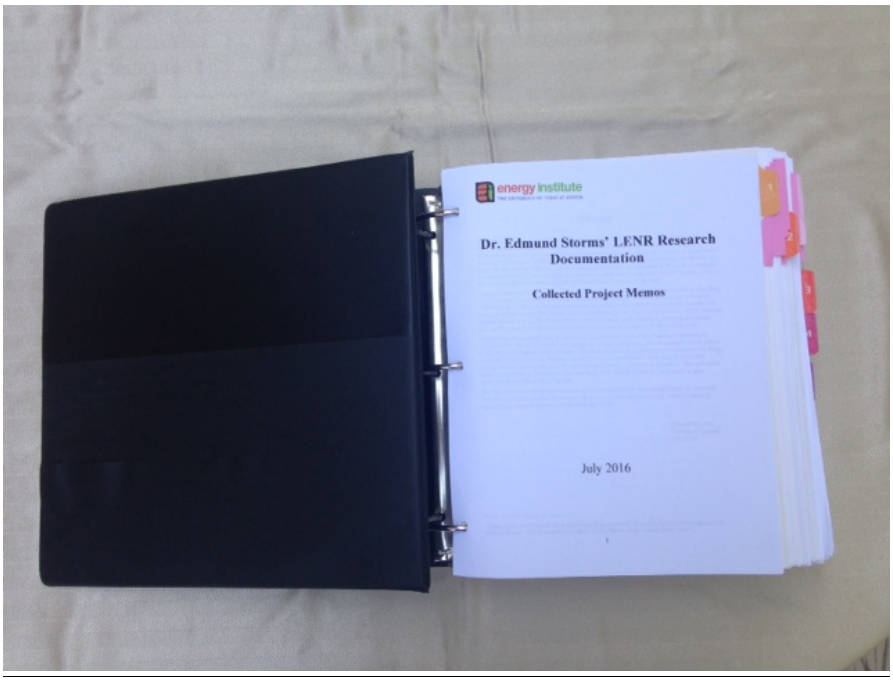
Management and Reporting

Date	Subject
7/10/16	Dropbox Organization and Collected Memos Volume for Storms LENR Research Documentation Project
8/13/16	Storms LENR Research Development Project, Onsite Visit #8, July 31 to August 11, 2016: Summary of Activities and Accomplishments
10/30/16	Status Summary for the Storms LENR Research Documentation Project

Additional Topics

Date	Subject
7/27/16	Integrated LENR Research Timeline: Test Case
12/17/16	Research at Los Alamos National Laboratory Prior to LENR Involvement
3/24/17	File Boxes for Pre-LENR Research at Los Alamos National Laboratory
4/6/17	Detailed Interview Sessions during Onsite Visit #9
4/7/2017	Trial Transcription of Interview Session #1 by Online Service, Rev.com

Figure 11-2.
Collected Project Memos for Round 1 of the Storms LENR Research Documentation Project



11.4 Stage 2 and 3 Plans

As noted above, during Stage 2, a preliminary overview of Dr. Storms' research will be prepared. The Stage 1 timelines will be combined, and the contents will be sorted in reverse chronological order[62]. The sorted contents provide the basis for describing the phases of Dr. Storms' LENR research career. The overview and sorted contents then serve as the foundation for the Stage 3 report.

[62] "Integrated LENR Research Timeline: Test Case". Memo to Edmund Storms from Tom Grimshaw, July 27, 2016.

Appendix A. Publications and Related Documents: PUB

Comp	No	Yr	Mo	Event or Item	Notes
10PUB	PB1	1989	13	Talcott, C.L., et al. Tritium measurements: Methods, pitfalls, and result. in EPRI/NSF Workshop. 1989. Washington, DC. p.	
10PUB	PB2	1989	13	Storms, E. and C. Talcott, Electrolytic charging of palladium with deuterium to high stoichiometry, P. Report, Editor. 1989.	
10PUB	PB3	1989	13	Storms, E. A New method for initiating nuclear reactions. in First International Conference on Future Energy. 1989. Washington, DC: Unpublished. p.	
10PUB	PB4	1989	13	Storms, E.K., and C. Talcott., Attempts to understand and reproduce cold fusion. Workshop on Cold Fusion Phenomena, Santa Fe. Abstracts. May 1989.	
10PUB	PB5	1989	13	Storms, E., C. Talcott, and M. David., Recent results for electrolytic tritium production at Los Alamos. 1989.	
10PUB	PB6	1990	13	Talcott, C.L. and E. Storms. An overview of "cold fusion". in JOWOG-12 Meeting, Atomic Weapons Estab. 1990. Aldermaston, England. p.	
10PUB	PB7	1990	3	Storms, E.K. and C.L. Talcott. A study of electrolytic tritium production. in The First Annual Conference on Cold Fusion. 1990. University of Utah Research Park, Salt Lake City, Utah: National Cold Fusion Institute. p. 149.	
10PUB	PB8	1990	13	Storms, E. and C.L. Talcott, Electrolytic tritium production. Fusion Technol., 1990. 17: p. 680.	
10PUB	PB9	1990	13	Storms, E.K., Letter to Science. 1990.	
10PUB	PB10	1991	13	Storms, E., Review of experimental observations about the cold fusion effect. Fusion Technol., 1991. 20: p. 433.	
10PUB	PB11	1991	13	Storms, E.K. and C. Talcott-Storms, The effect of hydriding on the physical structure of palladium and on the release of contained tritium. Fusion Technol., 1991. 20: p. 246.	
10PUB	PB12	1992	13	Talcott, C.L., et al., Effects on the palladium deuteride lattice constant upon alloying with lithium, draft, Editor. 1992.	
10PUB	PB13	1992	10	Storms, E. Measurement of excess heat from a Pons-Fleischmann type electrolytic cell. in Third International Conference on Cold Fusion, "Frontiers of Cold Fusion". 1992. Nagoya Japan: Universal Academy Press, Inc., Tokyo, Japan. p. 21.	
10PUB	PB14	1993	13	Storms, E.K., Measurements of excess heat from a Pons-Fleischmann-type electrolytic cell using palladium sheet. Fusion Technol., 1993. 23: p. 230.	
10PUB	PB15	1993	12	Storms, E. Some characteristics of heat production using the "cold fusion" effect. in Fourth International Conference on Cold Fusion. 1993. Lahaina, Maui: Electric Power Research Institute 3412 Hillview Ave., Palo Alto, CA 94304. p. 4.	
10PUB	PB16	1993	13	Storms, E. The status of "cold fusion". in 28th Intersociety Energy Conversion Engineering Conference. 1993. Atlanta, GA,. P.	

10PUB	PB17	1993	13	Storms, E.K. Statement of Dr. Edmund Storms before Congress. in Hearing Before the Subcommittee on Energy of the Committee on Science, Space, and Technology, U. S. House of Representatives, One Hundred Third Congress, First Session. 1993. Washington, C.D.: U.S. Government Printing Office. p. 114.
10PUB	PB18	1994	13	Storms, E., Chemically-assisted nuclear reactions. Cold Fusion, 1994. 1(3): p. 42.
10PUB	PB19	1994	13	Storms, E. Methods required for the production of excess energy using the electrolysis of palladium in D2O-based electrolyte. in International Symposium, “Cold Fusion and Advanced Energy Sources”. 1994. Belarusian State University, Minsk, Belarus. p.
10PUB	PB20	1994	13	Storms, E.K., Some characteristics of heat production using the "cold fusion" effect. Trans. Fusion Technol., 1994. 26(4T): p. 96.
10PUB	PB21	1994	13	Hansen, L.D., et al., Cooperative investigation of anomalous effects in Pd/LiOD electrolytic cells. 1994, A proposal submitted to the Department of Energy (1994).
10PUB	PB22	1994	13	Storms, E.K., Walt Polansky DOE Briefing. 1994.
10PUB	PB23	1995	13	Storms, E., Cold Fusion: From reasons to doubt to reasons to believe. Infinite Energy, 1995. 1(1): p. 23.
10PUB	PB24	1995	13	Storms, E.K., Cold fusion, a challenge to modern science. J. Sci. Expl., 1995. 9: p. 585.
10PUB	PB25	1995	4	Storms, E. Status of "cold fusion". in 5th International Conference on Cold Fusion. 1995. Monte-Carlo, Monaco. p. 1.
10PUB	PB26	1995	13	Storms, E. The nature of the energy-active state in Pd-D. in II Workshop on the Loading of Hydrogen/Deuterium in Metals, Characterization of Materials and Related Phenomena. 1995. Asti, Italy. p.
10PUB	PB27	1995	13	Storms, E.K., The nature of the energy-active state in Pd-D. Infinite Energy, 1995(#5 and #6): p. 77.
10PUB	PB28	1995	13	Storms, E.K. Reaction of Pd with D. in ASTI. 1995. Asti, Italy. p.
10PUB	PB29	1995	4	Storms, E.K. Status of "Cold Fusion". in ICCF-5. 1995. p. Same as PB25
10PUB	PB30	1996	10	Storms, E. Some thoughts on the nature of the nuclear-active regions in palladium. in Sixth International Conference on Cold Fusion, Progress in New Hydrogen Energy. 1996. Lake Toya, Hokkaido, Japan: New Energy and Industrial Technology Development Organization, Tokyo Institute of Technology, Tokyo, Japan. p. 105.
10PUB	PB31	1996	13	Storms, E., A review of the cold fusion effect. J. Sci. Exploration, 1996. 10(2): p. 185.
10PUB	PB32	1996	13	Storms, E., How to produce the Pons-Fleischmann effect. Fusion Technol., 1996. 29: p. 261.
10PUB	PB33	1996	13	Storms, E.K., A study of those properties of palladium that influence excess energy production by the Pons-Fleischmann effect. Infinite Energy, 1996. 2(8): p. 50.
10PUB	PB34	1997	13	Storms, E.K., Some problems with palladium and how to solve them. 1997: NHE Japan.

10PUB	PB35	1998	4	Storms, E.K. Relationship between open-circuit-voltage and heat production in a Pons-Fleischmann cell. in The Seventh International Conference on Cold Fusion. 1998. Vancouver, Canada: ENECO, Inc., Salt Lake City, UT. p. 356.
10PUB	PB36	1998	13	Storms, E., Cold fusion revisited. Infinite Energy, 1998. 4(21): p. 16-29.
10PUB	PB37	1998	13	Storms, E.K., Formation of β-PdD containing high deuterium concentration using electrolysis of heavy-water. J. Alloys Comp., 1998. 268: p. 89.
10PUB	PB38	1998	13	Storms, E., Factors affecting heat production in a Pons-Fleischmann Cell. ICCF-7, April 1998.
10PUB	PB39	1999	13	Storms, E., My life with cold fusion as a reluctant mistress. Infinite Energy, 1999. 4(24): p. 42.
10PUB	PB40	1999	13	Storms, E., Anomalous heat generated by electrolysis using a palladium cathode and heavy water in American Physical Society. 1999. Atlanta, GA. p.
10PUB	PB41	1999	13	Storms, E., Cold fusion: Theory and practice in Japan. 21st Century Sci. & Technol., 1999. Spring: p. 82.
10PUB	PB42	1999	13	Storms, E., Proposal for study of palladium powder at UNM. 1999.
10PUB	PB43	1999	13	Storms, E.K. ,The present status of chemically assisted nuclear reactions. in ACS. 1999. Ontario, CA. p.
10PUB	PB44	1999	13	Storms, E.K., New Method for initiating nuclear reactions. in Conference on Future Energy. 1999. Bethesda, MD. p.
10PUB	PB45	2000	5	Storms, E, Excess power production from platinum cathodes using the Pons-Fleischmann effect. in 8th International Conference on Cold Fusion. 2000. Lerici (La Spezia), Italy: Italian Physical Society, Bologna, Italy. p. 55-61.
10PUB	PB46	2000	13	Storms, E., A critical evaluation of the Pons-Fleischmann effect: Part 1. Infinite Energy, 2000. 6(31): p. 10.
10PUB	PB47	2000	13	Storms, E., A critical evaluation of the Pons-Fleischmann effect: Part 2. Infinite Energy, 2000. 6(32): p. 52.
10PUB	PB48	2000	13	Storms, E.K., Description of a dual calorimeter. Infinite Energy, 2000. 6(34): p. 22.
10PUB	PB49	2000	13	Storms, E., The present status of chemically-assisted nuclear reactions. Infinite Energy, 2000. 5(29): p. 26.
10PUB	PB50	2000	13	Storms, E., Where do we stand on cold fusion? 21st Century Sci. & Technol., 2000. Winter: p. 76.
10PUB	PB51	2000	13	Hansen, L.D., S.E. Jones, J.M. Thorne, and E. Storms., Cooperative investigation of anomalous effects in Pd/LiOD electrolytic cells. 2000.
10PUB	PB52	2001	13	Storms, E., Cold fusion: An objective assessment. www.LENR-CANR.org, 2001.
10PUB	PB53	2001	13	Storms, E.K. Ways to initiate a nuclear reaction in solid environments. in American Physical Society Meeting. 2001. Seattle, WA. p.
10PUB	PB54	2001	13	Storms, E.K., Review of paper by Shanahan. 2001.
10PUB	PB55	2002	13	Storms, E., Cold fusion, the next big step up the energy letter. Submitted to 21st Century Science and Technology. June 2002.

10PUB	PB56	2002	13	Storms, E., The nature of the nuclear-active-environment required for low energy nuclear reactions. Infinite Energy, 2002. 8(45): p. 32.821
10PUB	PB57	2002	13	Storms, E., Ways to initiate a nuclear reaction in solid environments. Infinite Energy, 2002. 8(45): p. 45.
10PUB	PB58	2003	13	Storms, E. Why cold fusion has been so hard to explain and duplicate. in American Physical Society Winter Meeting. 2003. Austin Convention Center, Austin, TX: unpublished. p.
10PUB	PB59	2003	13	Storms, E., A student's guide to cold fusion. 2003, LENR-CANR.org.
10PUB	PB60	2003	5	Storms, E.K. How to make a cheap and effective Seebeck calorimeter. in Tenth International Conference on Cold Fusion. 2003. Cambridge, MA: World Scientific Publishing Co. p. 269.
10PUB	PB61	2003	5	Storms, E.K. Use of a very sensitive Seebeck calorimeter to study the Pons-Fleischmann and Letts effects. in Tenth International Conference on Cold Fusion. 2003. Cambridge, MA: World Scientific Publishing Co. p. 183.
10PUB	PB62	2003	5	Storms, E.K. What conditions are required to initiate the LENR effect? in Tenth International Conference on Cold Fusion. 2003. Cambridge, MA: World Scientific Publishing Co. p. 285.
10PUB	PB63	2003	5	Rothwell, J. and E.K. Storms. The LENR-CANR.org website, its past and future. in Tenth International Conference on Cold Fusion. 2003. Cambridge, MA: World Scientific Publishing Co. p. 939.
10PUB	PB64	2003	13	Storms, E.K. Cold fusion has now come out of the cold. in APS. 2003. p.
10PUB	PB65	2003	13	Storms, E.K. My history with cold fusion. 2003.
10PUB	PB66	2004	13	Storms, E., Calorimetry 101 for cold fusion. 2004, www.LENR-CANR.org.
10PUB	PB67	2004	10	Storms, E. An update of LENR for ICCF-11 (Short Course, 10/31/04). in 11th International Conference on Cold Fusion. 2004. Marseilles, France: World Scientific Co. p. 11.
10PUB	PB68	2004	13	Storms, E.K., Study of electrodeposition on a Pt surface, P. Report, Editor. 2004, Lattice Energy.
10PUB	PB69	2004	13	Storms, E., Cold Fusion – the Experimental Evidence. 21st Century. Winter 2004-2005.
10PUB	PB70	2005	13	Storms, E., A response to the review of cold fusion by the DoE. 2005.
10PUB	PB71	2005	13	Storms, E., Cold fusion for dummies. www.LENR-CANR.org, 2005.
10PUB	PB72	2005	13	Storms, E. Why I believe "cold fusion" is real. in American Physical Society. 2005. Tucson, AZ. p.
10PUB	PB73	2005	13	Storms, E., Description of a Seebeck calorimeter. 2005: www.LENR.org.
10PUB	PB74	2005	11	Storms, E.K., Description of a sensitive Seebeck calorimeter used for cold fusion studies. in Condensed Matter Nuclear Science, ICCF-12. 2005. Yokohama, Japan: World Scientific. p. 108.
10PUB	PB75	2005	13	Storms, E., Construction details of a new design for a Seebeck Calorimeter. 2005.
10PUB	PB76	2005	13	Storms, E., How to cause nuclear reactions at low energy and why you should care. 2005.
10PUB	PB77	2006	13	Storms, E., Comment on papers by K. Shanahan that propose to explain anomalous heat generated by cold fusion. Thermochim. Acta, 2006. 441(2): p. 207-209.
10PUB	PB78			Storms, E., undated. Study of Deuterium Activity Changes Produced in Metals When Electrolyzed in LiOD. Lattice Energy Unpublished Paper.

10PUB	PB79	1996	13	Storms, E., 1996. The Nature of the Nuclear Active Environment For LENR. Lattice Energy Unpublished Paper.
10PUB	PB80	2007	13	Storms, E.K. and B. Scanlan. Radiation produced by glow discharge in deuterium (Part 1). in 8th International Workshop on Anomalies in Hydrogen / Deuterium Loaded Metals. 2007. Catania, Sicily: http://www.iscmns.org/catania07/index.htm. The International Society for Condensed Matter Science. p. 297-305.
10PUB	PB81	2007	13	Storms, E.K., The science of low energy nuclear reaction. 2007, Singapore: World Scientific. 312.
10PUB	PB82	2007	13	Storms, E.K. The science of low energy nuclear reactions. in APS, March Meeting. 2007. Denver, CO. p.
10PUB	PB83	2008	13	Storms, E.K., How to explain cold fusion?, in ACS Symposium Series 998, Low-Energy Nuclear Reactions Sourcebook, J. Marwan and S.B. Krivit, Editors. 2008, American Chemical Society: Washington, DC. p. 85.
10PUB	PB84	2008	13	Storms, E.K. and B. Scanlan. Radiation produced by glow discharge in a deuterium containing gas (Part 2). in American Physical Society Conference. 2008. New Orleans. p.
10PUB	PB85	2008	13	Storms, E.K. and B. Scanlan. Radiation produced by glow discharge in a deuterium containing gas (Part 2). in American Physical Society Conference. 2008. New Orleans. p. Presentation.
10PUB	PB86	2008	8	Storms, E.K. and B. Scanlan. Detection of radiation from LENR. in 14th International Conference on Condensed Matter Nuclear Science. 2008. Washington, DC: www.LENR.org. p. 261-287.
10PUB	PB87	2008	13	Rothwell, J. and E.K. Storms, Report on Arata's paper and lecture about his "solid fusion" reactor. www.LENR-CANR.org, 2008.
10PUB	PB88	2008	8	Storms, E.K. The method and results using Seebeck calorimetry. in ICCF-14 International Conference on Condensed Matter Nuclear Science. 2008. Washington, DC: www.lenr.org. p. 11-25.
10PUB	PB89	2008	13	Storms, E., CASE STUDY – Cold Fusion. Unpublished Presentation. 2008.
10PUB	PB90	2009	13	Storms, E.K. An informed skeptic's view of cold fusion. in Vice Chancellor for Research Seminar Series: Excess Heat and Particle Tracks from Deuterium-loaded Palladium. 2009. Univ. of Missouri. p.
10PUB	PB91	2009	13	Storms, E.K. An informed skeptic's view of cold fusion. in Vice Chancellor for Research Seminar Series: Excess Heat and Particle Tracks from Deuterium-loaded Palladium. 2009. Univ. of Missouri. p. Presentation
10PUB	PB92	2009	13	Storms, E.K., What is known about cold fusion? www.LENR-CANR.org, 2009.
10PUB	PB93	2009	13	Storms, E.K. and B. Scanlan. Role of cluster formation in the LENR process. in 15th International Conference on Condensed Matter Nuclear Science. 2009. Rome, Italy: ENEA. p. 331-336.
10PUB	PB94	2009	10	Storms, E.K. and B. Scanlan. Role of cluster formation in the LENR process. in 15th International Conference on Condensed Matter Nuclear Science. 2009. Rome, Italy: ENEA. p. 331-336. Presentation

10PUB	PB95	2010	13	Storms, E.K. and B. Scanlan, What is real about cold fusion and what explanations are plausible?, in AIP Symposium Series, J. Marwan, Editor. 2010, Am. Inst. of Phys.
10PUB	PB96	2010	13	Marwan, J., et al., A new look at low-energy nuclear reaction (lenr) research: a response to Shanahan. J. Environ. Monit., 2010.
10PUB	PB97	2010	13	Storms, E.K., The status of cold fusion (2010). Naturwissenschaften, 2010. 97: p. 861.
10PUB	PB98	2010	13	Storms, E.K. and T.W. Grimshaw, Judging the validity of the Fleischmann–Pons effect. J. Cond. Matter Nucl. Sci., 2010. 3: p. 9-30.
10PUB	PB99	2010	13	Storms, E., PROGRESS REPORT, SrTiO3+Pd #1, 9/1/10 to 10/2/10. Unpublished Report. 2010.
10PUB	PB100	2011	2	Storms, E.K. Examination of errors that occur when using a gas-filled calorimeter. in ICCF-16. 2011. Chennai, India: http://lenr-canr.org/acrobat/StormsEexaminatio.pdf. p.
10PUB	PB101	2011	13	Storms, E.K. and B. Scanlan, What is real about cold fusion and what explanations are plausible? J. Cond. Matter Nucl. Sci., 2011. 4: p. 17-31.
10PUB	PB102	2011	13	Storms, E.K., What is now known about cold fusion? (Addendum to the Student's Guide). 2011, www.lenr.org.
10PUB	PB103	2011	13	Srinivasan, M., G. Miley, and E.K. Storms, Low-energy nuclear reactions: Transmutations, in Nuclear Energy Encyclopedia: Science, Technology, and Applications, S. Krivit, J.H. Lehr, and T.B. Kingery, Editors. 2011, John Wiley & Sons: Hoboken, NJ. p. 503-539.
10PUB	PB104	2011	13	Storme, E., The fall and rise of cold fusion. 2011.
10PUB	PB105	2012	13	Storms, E.K., A student's guide to cold fusion, revised. 2012: www.LENR.org.
10PUB	PB106	2012	13	Storms, E.K., An explanation of low-energy nuclear reactions (cold fusion). J. Cond. Matter Nucl. Sci., 2012. 9: p. 85-107.
10PUB	PB107	2012	13	Storms, E.K., Student's guide. 2012, www.LENR.org.
10PUB	PB108	2013	7	Storms, E.K., Explaining Cold Fusion. In 18th International Conference on Condensed Matter Nuclear Science. 2013. Columbia, MO.

Appendix B. Unpublished Progress Reports and Related Documents: UPR

Comp	No	Year	Mon	Event or Item	File Name
20UPR	UP1	1969	12	(12/31/1969)	The important variables are…
20UPR	UP2	1995	7	(7/3/1995)	Update of activity, 7/3/95
20UPR	UP3	1995	8	(8/17/1995)	progress report 8/17/95
20UPR	UP4	1997	1	INITIAL LOADING VALUES (1/3/1997)	Summary of calorimeter studies
20UPR	UP5	2000	1	(1/9/2000)	History of flow calorimeter
20UPR	UP6	2000	9	(9/12/2000)	History of composit
20UPR	UP7	2000	9	(9/12/2000)	loading based on oil
20UPR	UP8	2000	9	(9/12/2000)	Pd history
20UPR	UP9	2000	9	(9/12/2000)	Pd property summary
20UPR	UP10	2000	11	(11/10/2000)	History of Miley Tests
20UPR	UP11	2001	1	(1/20/2001)	Progress Report 1/19/01
20UPR	UP12	2001	1	(1/21/2001)	Progress Report 1/20/01
20UPR	UP13	2001	1	(1/25/2001)	Progress Report 1/25/01
20UPR	UP14	2001	2	(2/1/2001)	Progress Report 1/31/01
20UPR	UP15	2001	2	(2/8/2001)	Progress Report 2/8/01
20UPR	UP16	2001	2	(2/17/2001)	Progress Report 2/16/01
20UPR	UP17	2001	3	(3/2/2001)	Progress Report 3/2/01
20UPR	UP18	2001	4	(4/15/2001)	Progress Report 4/15/01
20UPR	UP19	2001	5	(5/5/2001)	Progress Report 5/5/01
20UPR	UP20	2001	12	(12/20/2001)	Progress Report 12/1/01
20UPR	UP21	2001	12	PROGRESS REPORT. 9/28/01 to 12/21/01. (12/21/2001)	Progress 12/21/01
20UPR	UP22	2002	2	Case Study, EKS Progress Report No. EKS 2-1-02 (2/1/2002)	Progress 9/01-2/02 N
20UPR	UP23	2002	2	[Several anomalous effects were seen.] (2/9/2002)	thermal arrests
20UPR	UP24	2002	2	(2/14/2002)	Progress Report 2/14/01
20UPR	UP25	2002	3	(3/13/2002)	Progress Report 3/13/01
20UPR	UP26	2002	8	(8/30/2002)	8/30/02 progress report
20UPR	UP27	2002	12	[Letts Study report] (12/18/2002)	Labreport2001.efx

20UPR	UP28	2003	3	TRIP REPORT, APS MEETING, AUSTIN, TX, 3/6/03-3/8/03(3/8/2003)	TRIP REPORT
20UPR	UP29	2003	3	Evaluation of the Calorimeter Used by G. Miley (3/25/2003)	COMMENTS ON CALORIMETER OF GM
20UPR	UP30	2003	6	LENR Reaction Product “Signature”… (6/16/2003)	Miley Dr George – Various chart
20UPR	UP31	2003	6	(6/16/2003)	Miley spectrum
20UPR	UP32	2003	6	(6/16/2003)	Miley spectrum(2)
20UPR	UP33	2003	6	Memorandum: Replication of the Miley claims (6/16/2003)	Miley replication
20UPR	UP34	2003	10	PROGRESS REPORT. Test of samples prepared by Prof. Miley. (10/25/2003)	PROGRESS REPORT 10
20UPR	UP35	2003	10	PROGRESS REPORT. 10/25/03 (10/25/2003)	Word Work File D 2310
20UPR	UP36	2003	10	PROGRESS REPORT. 10/25/03. Test of samples prepared by Prof. Miley. (10/25/2003)	PR#10, 10-25-03(Miley)
20UPR	UP37	2003	11	PROGRESS REPORT. Test of an electrolyte using D2SO4. (11/16/2003)	PROGRESS REPORT 11
20UPR	UP38	2003	11	PROGRESS REPORT 11/16/03. Test of an electrolyte using D2SO4. (11/16/2003	PR#11, 11-03-03(H2SO4)
20UPR	UP39	2004	12	PROGRESS REPORT 12/21/03) (12/21/2003)	PR#12, 12-21-03
20UPR	UP40	2004	1	PROGRESS REPORT. HISTORY OF PT DOT 6 (1/12/2004)	HISTORY of Pt Dot 6.doc
20UPR	UP41	2004	1	PROGRESS REPORT 1/14/04 (1/14/2004)	PR#13, 1-14-04
20UPR	UP42	2004	2	A Discussion of Those Variables that Affect the Nuclear Active Environment. (2/1/2004)	A Discussion of Those Variables
20UPR	UP43	2004	2	PROGRESS REPORT OF Pt 2/9/04. HISTORY OF EXPERIMENTS STARTING 2/3/04 (2/9/2004)	HISTORY OF EXPERIMENTS STARTING
20UPR	UP44	2004	2	Summary of Results. (2/9/2004)	Summary of Results(2/3/04)
20UPR	UP45	2004	2	PROGRESS REPORT. HISTORY OF EXPERIMENTS STARTING 2/3/04. (2/9/2004)	Progress Report Pt 3-9-04.doc
20UPR	UP46	2004	2	PROGRESS REPORT. HISTORY OF EXPERIMENTS STARTING 2/3/04. (2/9/2004)	Word Work File D 1
20UPR	UP47	2004	5	EXAMPLES OF SEM PICTURES (5/16/2004)	MEMO, SEM 5-16-04.DOC
20UPR	UP48	2004	7	PROGRESS REPORT. HISTORY OF EXPERIMENTS STARTING 2/3/04. (7/5/2004)	PROGRESS REPORT Pt 2-3-04
20UPR	UP49	2004	7	PROGRESS REPORT. 7/19/04. Test of samples prepared by Prof. Miley. (7/19/2004)	PROGRESS REPORT, 7-19-04.doc
20UPR	UP50	2004	8	PROGRESS REPORT. 8/19/04. Study of electrodeposition on a Pt surface. (8/19/2004)	PR 8-19-04.doc

20UPR	UP51	2004	8	PROGRESS REPORT. 8/19/04. Study of electrodeposition on a Pt surface. (8/19/2004)	PR 8-19-04jpg pics.doc
20UPR	UP52	2004	8	PROGRESS REPORT. 8/29/04 (8/29/2004)	PR#8-29-04.doc
20UPR	UP53	2004	9	HISTORY OF PT DOT 4. Run in Cell #2, Small SB #1, Pd anode. Cell cleaned with … (9/3/2004)	HISTORY OF Pt Dot 4.doc
20UPR	UP54	2004	9	PROGRESS REPORT. A collection of questions. (9/10/2004)	PR 9/10/04
20UPR	UP55	2004	9	PROGRESS REPORT. 9/20/04. HISTORY OF EXPERIMENTS STARTING 9/3/04 (9/30/2004)	PROGRESS REPORT 9(2).doc
20UPR	UP56	2004	11	HISTORY OF PT DOT 3.Seebeck #1 cell #2 with Pd anode and containing… (11/16/2004)	HISTORY of Pt Dot 3.doc

Appendix C. Work History Timeline: WRK

Comp	No	Year	Mon	Description	Date
30WRK	WK1	1995	6	PdA1B1#28	6/25/95
30WRK	WK2	1995	6	D/Pd=0.82	6/25/95
30WRK	WK3	1995	6	cell leaked-applied power stepped up	6/26/95
30WRK	WK4	1995	6	A1-B4#29	6/27/95
30WRK	WK5	1995	6	power cycled	6/27/95
30WRK	WK6	1995	6	A1-B4#41	6/28/95
30WRK	WK7	1995	6	power cycled	6/29/95
30WRK	WK8	1995	6	power cycled-A1-B4#42 prepared	6/29/95
30WRK	WK9	1995	6	power cycled	6/29/95
30WRK	WK10	1995	6	A1-B4#91	6/29/95
30WRK	WK11	1995	6	A1-B5#92	6/30/95
30WRK	WK12	1995	7	power cycled-	7/1/95
30WRK	WK13	1995	7	A1-B4#43	7/1/95
30WRK	WK14	1995	7	A1-B4#93	7/3/95
30WRK	WK15	1995	7	A1-B4#44	7/4/95
30WRK	WK16	1995	7	A1-B4#94	7/5/95
30WRK	WK17	1995	7	A1-B4#45	7/6/95
30WRK	WK18	1995	7	A1-B4#95	7/7/95
30WRK	WK19	1995	7	A1-B4#40	7/8/95
30WRK	WK20	1995	7	A1-B4#30	7/9/95
30WRK	WK21	1995	7	A1-B4#1, A1-B4#2	7/10/95
30WRK	WK22	1995	7	A1-B1#3	7/12/95
30WRK	WK23	1995	7	A1-B1#4	7/13/95
30WRK	WK24	1995	7	A1-B1#6	7/15/95
30WRK	WK25	1995	7	A1-B1#5	7/18/95
30WRK	WK26	1995	7	A1-B4#91-D/Pd=0.79	7/24/95
30WRK	WK27	1995	7	A1-B4#93-D/Pd=0.80	7/25/95
30WRK	WK28	1995	7	A1-B4#30-D/Pd=0.79	7/26/95
30WRK	WK29	1995	7	A1-B4#93-D/Pd=0.78	7/28/95

30WRK	WK30	1995	7	initial	7/28/95
30WRK	WK31	1995	7	after deloading	7/28/95
30WRK	WK32	1995	7	after deloading	7/28/95
30WRK	WK33	1995	7	A1-B4#30-D/Pd=0.75	7/30/95
30WRK	WK34	1995	8	A1-B4#93-deloaded in acetone-cracks visible	8/1/95
30WRK	WK35	1995	8	A1-B4#91	8/2/95
30WRK	WK36	1995	8	deloaed at 150°	8/4/95
30WRK	WK37	1995	8	A1-B4#41	8/5/95
30WRK	WK38	1995	8	continued loading	8/6/95
30WRK	WK39	1995	8	A1-B4#43-loaded	8/15/95
30WRK	WK40	1995	8	A1-B4#93-loaded	8/15/95
30WRK	WK41	1995	8	A1-B4#41-loaded-deloaded in cell	8/16/95
30WRK	WK42	1995	8	D/Pd=0.80	8/25/95
30WRK	WK43	1995	8	**oil densiiy=0.935 g/ml**	8/31/95
30WRK	WK44	1995	9	A1-B4#91 in calorimeter	9/9/95
30WRK	WK45	1995	9	removed-replaced by Pt-calibrated	9/17/95
30WRK	WK46	1995	9	A1-B1#42	9/20/95
30WRK	WK47	1995	10	calorimeter modified and repaired	10/4/95
30WRK	WK48	1995	10	calibrated	10/5/95
30WRK	WK49	1995	10	A1-B4#90-no EP	10/12/95
30WRK	WK50	1995	10	removed-D/Pd=0.87	10/18/95
30WRK	WK51	1995	10	reloaded to D/Pd=0.84- Al foil added to cell	10/19/95
30WRK	WK52	1995	10	D2O+Li2SO4 used as electrolyte	10/20/95
30WRK	WK53	1995	10	calibrated-A1-B1#39 run	10/21/95
30WRK	WK54	1995	10	D/Pd=0.75	10/23/95
30WRK	WK55	1995	10	new constant temperature bath	10/24/95
30WRK	WK56	1995	10	A1-B1#42-surface polished-heated to 150°-in AR for 4 min	10/24/95
30WRK	WK57	1995	10	cell modified-new LiOD electrolyte	10/30/95
30WRK	WK58	1995	12	A1-B1#42 in cell	12/3/95
30WRK	WK59	1995	12	removed	12/14/95
30WRK	WK60	1995	12	new electrolyte-calibrated	12/15/95
30WRK	WK61	1995	12	5µm Pd on Ag	12/16/95
30WRK	WK62	1995	12	Ni coil	12/24/95
30WRK	WK63	1995	12	Ni(fiberex)-H2O+Li2SO4 electrolyte-calibrate	12/28/95
30WRK	WK64	1995	12	Ni heated in air	12/31/95
30WRK	WK65	1996	1	Ni treated with (NH4)2S	1/7/96

30WRK	WK66	1996	1	leak in cell-cell redesigned-coil of Pt wire used	1/8/96
30WRK	WK67	1996	1	Ni(fiberex) studied	1/9/96
30WRK	WK68	1996	1	Ni+(NH4)2S run	1/12/96
30WRK	WK69	1996	1	Pd#89 polished-weighed-electrolyzed-vol measured	1/12/96
30WRK	WK70	1996	1	Pd#67 polished-weighed-electrolyzed-EV measured	1/13/96
30WRK	WK71	1996	1	Pd#84-fresh electrolyte-EV measured	1/14/96
30WRK	WK72	1996	1	Pd#88-EV measured	1/15/96
30WRK	WK73	1996	1	removed-heated in H2	1/16/96
30WRK	WK74	1996	1	Pd#84 in calorimeter	1/16/96
30WRK	WK75	1996	1	Ni removed-placed on film	1/17/96
30WRK	WK76	1996	1	Pd#35 oxidized-EV measured-D/Pd=0.67	1/17/96
30WRK	WK77	1996	1	Pd#87 polished-EV measured-Pd#84 removed from calorimeter-D/Pd=0.85	1/18/96
30WRK	WK78	1996	1	Pd#86 polished-EV measured-D/Pd=0.86	1/19/96
30WRK	WK79	1996	1	Pd#33 oxidized-EV measured-D/Pd=0.74	1/20/96
30WRK	WK80	1996	1	Pd#85 oxidized-EV measured-D/Pd=0.73	1/21/96
30WRK	WK81	1996	1	Pd#84 in new calorimeter and electrolyte	1/21/96
30WRK	WK82	1996	1	Pd#81 oxidized-EV measured-D/Pd=0.75	1/22/96
30WRK	WK83	1996	1	Pd#84 returned to calorimeter	1/22/96
30WRK	WK84	1996	1	Pd#38 polished-EV measured-D/Pd=0.87	1/23/96
30WRK	WK85	1996	1	Pd#64 polished-EV measured-D/Pd=0.89	1/24/96
30WRK	WK86	1996	1	Pd#68 polished-EV measured-D/Pd=0.79	1/25/96
30WRK	WK87	1996	1	Pd#69-EV measured-D/Pd=0.87	1/26/96
30WRK	WK88	1996	1	Pd#65-EV measured-D/Pd=0.79	1/27/96
30WRK	WK89	1996	1	Pd#70 polished-EV measured-D/Pd=0.75	1/28/96
30WRK	WK90	1996	1	Pd#73 polished-EV measured-D/Pd=0.78	1/29/96
30WRK	WK91	1996	1	Pd#37-EV measured-D/Pd=0.76	1/30/96
30WRK	WK92	1996	1	Pd#30 oxidized-EV measured=D/Pd=0.81	1/31/96
30WRK	WK93	1996	2	Pd#31-EV measured-D/Pd=0.81	2/1/96
30WRK	WK94	1996	2	Pd#63-EV measured-D/Pd=0.83	2/2/96
30WRK	WK95	1996	2	Pd#84 removed from calorimeter-D/Pd=0.88-Pd#38 in calorimeter	2/2/96
30WRK	WK96	1996	2	Pd#71-EV measured-D/Pd=0.82	2/3/96
30WRK	WK97	1996	2	Pd#72-EV measured-D/Pd=0.88	2/4/96
30WRK	WK98	1996	2	Pd#51-EV measured-D/Pd=0.83	2/5/96
30WRK	WK99	1996	2	Pd#53-EV measured-D/Pd=0.68	2/6/96
30WRK	WK100	1996	2	Pd#55-EV measured-D/Pd=0.83	2/8/96

30WRK	WK101	1996	2	Pd#74-EV measured-D/Pd=0.85	2/9/96
30WRK	WK102	1996	2	Pd#75-EV measured-D/Pd=0.84	2/10/96
30WRK	WK103	1996	2	Pd#76-EV measured-D/Pd=0.83	2/11/96
30WRK	WK104	1996	2	Pd#62-EV measured-D/Pd=0.84	2/17/96
30WRK	WK105	1996	2	Pd#77-EV measured-D/Pd=0.84	2/18/96
30WRK	WK106	1996	2	Pd#66-EV measured-D/Pd=0.85	2/19/96
30WRK	WK107	1996	2	Pd#59-EV measured-D/Pd=0.86	2/20/96
30WRK	WK108	1996	2	Pd#9-EV measured-D/Pd=0.98	2/23/96
30WRK	WK109	1996	2	Pd#80-EV measured-D/Pd=0.78	2/24/96
30WRK	WK110	1996	2	Pd#58-EV measured-D/Pd=.86-#38 removed- black-new electrolyte-calibrated	2/25/96
30WRK	WK111	1996	2	Pd#38 deloaded	2/25/96
30WRK	WK112	1996	3	Pd#57-EV measured-D/Pd=0.88	3/2/96
30WRK	WK113	1996	3	Pd#82-EV measured-D/Pd=0.79	3/3/96
30WRK	WK114	1996	3	Pd#56-EV measured-D/Pd=0.88	3/4/96
30WRK	WK115	1996	3	Pd#58 removed-D/Pd=0.80-returned	3/6/96
30WRK	WK116	1996	3	Pd#58 removed-D/Pd=0.79	3/12/96
30WRK	WK117	1996	3	calorimeter modified	3/13/96
30WRK	WK118	1996	3	Pd#64 in calorimeter	3/14/96
30WRK	WK119	1996	3	removed-D/Pd=0.70-Pd#29 in calorimeter	3/15/96
30WRK	WK120	1996	3	Pd#62-EV measured-D/Pd=0.85	3/16/96
30WRK	WK121	1996	3	Pd#62 removed-D/Pd=0.81-returned	3/21/96
30WRK	WK122	1996	3	Pd#62 removed-D/Pd=0.83-Pd#44 in calorimeter	3/22/96
30WRK	WK123	1996	3	Pd#44 removed-D/Pd=0.78	3/23/96
30WRK	WK124	1996	3	Pd#43 in calorimeter-Pd#42 polished-heated to325° in air	3/24/96
30WRK	WK125	1996	3	Pd#43 removed-D/Pd=0.93-returned	3/26/96
30WRK	WK126	1996	3	Pd#43 removed-Pd#42 in calorimeter	3/27/96
30WRK	WK127	1996	3	Pd#42 removed-returned	3/28/96
30WRK	WK128	1996	4	Pd$42 removed-self heated	4/6/96
30WRK	WK129	1996	5	Pt cathode	5/15/96
30WRK	WK130	1996	5	Pd#79-D/Pd=0.86	5/16/96
30WRK	WK131	1996	5	Pd#23-EV measured-D/Pd=0.86	5/18/96
30WRK	WK132	1996	5	Pd#54-EV measured-D/Pd=0.82	5/19/96
30WRK	WK133	1996	5	Pd#52-EV measured-D/Pd=0.82	5/20/96
30WRK	WK134	1996	5	Pd#27-EV measured-D/Pd=0.82	5/21/96
30WRK	WK135	1996	5	Pd#61-EV measured-D/Pd=0.80	5/23/96

30WRK	WK136	1996	5	Pd#26-EV measured-D/Pd=0.82	5/24/96
30WRK	WK137	1996	5	Pd#19-EV measured-D/Pd=0.81	5/25/96
30WRK	WK138	1996	5	NI data acquisition instulled	5/26/96
30WRK	WK139	1996	5	Pd#78-EV measured-D/Pd=0.79-new electrolyte	5/26/96
30WRK	WK140	1996	5	Pd#34-EV measured-D/Pd=0.76	5/27/96
30WRK	WK141	1996	5	calibrated	5/27/96
30WRK	WK142	1996	5	Pd#7-EV measured-D/Pd=0.79	5/27/96
30WRK	WK143	1996	5	Pd#10-EV measured-D/Pd=0.85	5/28/96
30WRK	WK144	1996	5	Pd#13-EV measured-D/Pd=0.86	5/29/96
30WRK	WK145	1996	5	Pd#60-EV measured-D/Pd=0.83	5/30/96
30WRK	WK146	1996	5	Pd#14-EV measured-D/Pd=0.84	5/30/96
30WRK	WK147	1996	5	calibrated	5/31/96
30WRK	WK148	1996	6	Pd#83-EV measured-D/Pd=0.78	6/2/96
30WRK	WK149	1996	6	Pd#20-EV measured-D/Pd=0.87	6/3/96
30WRK	WK150	1996	6	Pd#16-EV measured-D/Pd=0.82	6/4/96
30WRK	WK151	1996	6	Pd#10-in calorimeter	6/5/96
30WRK	WK152	1996	6	Pd#16 in calorimeter	6/9/96
30WRK	WK153	1996	6	Pd#8-EV measured-D/Pd=0.79	6/11/96
30WRK	WK154	1996	6	calorimeter cleaned	6/14/96
30WRK	WK155	1996	6	Pd#27-EV measured-D/Pd=0.85	6/16/96
30WRK	WK156	1996	6	Pd#89 heated to remoce D2, loaded	6/19/96
30WRK	WK157	1996	6	Pd#89-EV measured-	6/20/96
30WRK	WK158	1996	6	calibrated	6/28/96
30WRK	WK159	1996	6	Pd#27-EV measured-D/Pd=0.76-in calorimeter	6/30/96
30WRK	WK160	1996	7	loaded at 200 mA	7/2/96
30WRK	WK161	1996	7	current at 1 A	7/3/96
30WRK	WK162	1996	7	Pd#10-loaded	7/3/96
30WRK	WK163	1996	7	current reversed-Al foil added	7/8/96
30WRK	WK164	1996	7	deloaded for short time	7/10/96
30WRK	WK165	1996	7	calorimeter run	7/16/96
30WRK	WK166	1996	7	Pd#27 removed from calorimeter-D/Pd=0.84	7/19/96
30WRK	WK167	1996	7	calorimeter cleaned-Pd#44-new electrolyte	7/20/96
30WRK	WK168	1996	7	Pd#44-EV measured-D/Pd=0.85	7/21/96
30WRK	WK169	1996	7	calibrated-Pd#10 removed-D/Pd=0.83	7/22/96
30WRK	WK170	1996	7	Pd composit#1-D/Pd=0.81	7/25/96
30WRK	WK171	1996	7	Pd#44-EV measured-D/Pd=0.78	7/26/96

30WRK	WK172	1996	7	Pd#57 in calorimeter	7/27/96
30WRK	WK173	1996	7	removed-D/Pd=0.83	7/28/96
30WRK	WK174	1996	7	calibrated	7/29/96
30WRK	WK175	1996	8	Pd#57 removed from calorimeter-Pd#88 in	8/12/96
30WRK	WK176	1996	8	Pd#88-EV measured-D/Pd=0.81	8/14/96
30WRK	WK177	1996	8	Pd#45-EV measured-D/Pd=0.86	8/19/96
30WRK	WK178	1996	8	samples give to Claytor for gamma measurement	8/22/96
30WRK	WK179	1996	8	Pd#45 removed from calorimeter-D/Pd=0.92	8/24/96
30WRK	WK180	1996	8	Pd#24 in calorimeter	8/24/96
30WRK	WK181	1996	8	removed-EV measured-D/Pd=0.86	8/26/96
30WRK	WK182	1996	8	cleaned-new electrolyte-calibration	8/26/96
30WRK	WK183	1996	8	Pd#25-in calorimeter	8/27/96
30WRK	WK184	1996	8	removed-EV measured-D/Pd=0.83	8/28/96
30WRK	WK185	1996	8	diode in power supply lead	8/30/96
30WRK	WK186	1996	8	Pd#25-in calorimeter-pulsed mode-	8/31/96
30WRK	WK187	1996	9	Pd#25-constant current-calibration	9/1/96
30WRK	WK188	1996	9	Pd#25-pulse loading	9/2/96
30WRK	WK189	1996	9	calibrated	9/4/96
30WRK	WK190	1996	9	balance instulled	9/5/96
30WRK	WK191	1996	9	Pd#25 oxidized-loaded-excess measured	9/6/96
30WRK	WK192	1996	9	D/Pd=0.76-deloaded at 175°	9/7/96
30WRK	WK193	1996	9	removed-D/Pd=0.68	9/8/96
30WRK	WK194	1996	9	time delay changed-Pd#25 in calorimeter	9/9/96
30WRK	WK195	1996	9	removed-D/Pd=0.76	9/11/96
30WRK	WK196	1996	9	foil removed	9/15/96
30WRK	WK197	1996	9	Pd-Au#3 in calorimeter-removed-replaced with Pd#12	9/16/96
30WRK	WK198	1996	9	removed-D/Pd=0.71- Pd-Au#4	9/17/96
30WRK	WK199	1996	9	removed-Pd#12 deloared at 300°-	9/20/96
30WRK	WK200	1996	9	calibrated	9/21/96
30WRK	WK201	1996	9	Pd#12 removed- D/Pd=0.85	9/30/96
30WRK	WK202	1996	10	deloaded in cell-lab mpved	10/4/96
30WRK	WK203	1996	10	Pd#12 removed-cell cleaned and calibrated	10/26/96
30WRK	WK204	1996	10	Pd#18-loaded	10/28/96
30WRK	WK205	1996	10	EV measured-D/Pd=0.79	10/29/96
30WRK	WK206	1996	10	magnet on cell-	10/31/96
30WRK	WK207	1996	11	D/Pd=0.84	11/1/96

30WRK	WK208	1996	11	calibrated	11/5/96
30WRK	WK209	1996	11	calorimeter redesigned using top and bottom thermistors	11/10/96
30WRK	WK210	1996	11	calibrated using Pt	11/18/96
30WRK	WK211	1996	11	silver dime used	11/21/96
30WRK	WK212	1996	11	new electrolyte	11/22/96
30WRK	WK213	1996	11	Pd#39 loaded-D/Pd=0.85	11/29/96
30WRK	WK214	1996	12	program rewritten	12/1/96
30WRK	WK215	1996	12	Pd#17-EV measured-D/Pd=0.79	12/6/96
30WRK	WK216	1996	12	Pd#15 reloaded	12/8/96
30WRK	WK217	1996	12	removed-D/Pd=0.73-Pd#18 deloaded in cell	12/10/96
30WRK	WK218	1996	12	Pd#15 loaded-D/Pd=0.70	12/17/96
30WRK	WK219	1996	12	Pd#15 reloaded-D/Pd=0.74-Pd#42 loaded	12/18/96
30WRK	WK220	1996	12	Pd#1-EV measured-D/Pd=0.82-Pd#5 loaded	12/19/96
30WRK	WK221	1996	12	Pd#11-loaded	12/22/96
30WRK	WK222	1996	12	D/Pd=0.81-EV measured-Pd#11 in cell	12/23/96
30WRK	WK223	1996	12	Pd#36-EV measured-D/Pd=0.80-Pd#3 in calorimeter	12/24/96
30WRK	WK224	1996	12	Pd#11-EV measured-D/Pd=0.85	12/30/96
30WRK	WK225	1997	1	Pd#3-EV measured-D/Pd=0.85-Pd#11-EV measured-D/Pd=0.62	1/2/97
30WRK	WK226	1997	1	Pd#20-EV measured during loading-	1/2/97
30WRK	WK227	1997	1	Pd#32-EV measured-D/Pd=0.74	1/3/97
30WRK	WK228	1997	1	Pd#43-EV measured-D/Pd=0.69	1/3/97
30WRK	WK229	1997	1	Pd#21 in calorimeter-EV measured-D/Pd=0.86	1/9/97
30WRK	WK230	1997	1	Pd#22 in calorimeter-EV measured_D/Pd=0.85	1/9/97
30WRK	WK231	1997	1	Pd#21 deloaded at 175°	1/10/97
30WRK	WK232	1997	1	Pd#5 deloaded @170°	1/14/97
30WRK	WK233	1997	1	repeat Pd#5, Pd-2.8%Ni- D/Pd=0.73	1/15/97
30WRK	WK234	1997	1	Pd#5 , D/Pd=0.74, EV=4.4%	1/15/97
30WRK	WK235	1997	1	repeat Pd#5, Pd-2.8%Ni- D/Pd=0.73	1/16/97
30WRK	WK236	1997	1	repear#5	1/17/97
30WRK	WK237	1997	1	Pd#36	1/19/97
30WRK	WK238	1997	1	repeat Pd#36, Pd#24	1/20/97
30WRK	WK239	1997	1	Plate#2, Pd#60	1/24/97
30WRK	WK240	1997	1	Pd#24	1/26/97
30WRK	WK241	1997	1	Pd#60, D/Pd=0.81, EV; Pd#56	1/28/97
30WRK	WK242	1997	1	Pd#56;D/Pd=0.83;EV=4.4%	1/29/97
30WRK	WK243	1997	1	Pd+0.1%Hg,D/Pd=0.77;Pd+0.1%Hf;D/Pd=1.5	1/31/97

30WRK	WK244	1997	2	Plate#3	2/1/97
30WRK	WK245	1997	2	Plate#3,D/Pd=0.79, EV=3.6%	2/2/97
30WRK	WK246	1997	2	Pd#13, D/Pd=0.81, EV=4.0%-repeated loading and deloading	2/2/97
30WRK	WK247	1997	2	Al added to cell	2/6/97
30WRK	WK248	1997	2	Pd#69 cleaned in AR	2/12/97
30WRK	WK249	1997	2	Pd#69, D/Pd=0.77, EV=3.8%	2/14/97
30WRK	WK250	1997	2	Pd#33 cleaned in AR; Pd#3 sent to Oriani	2/15/97
30WRK	WK251	1997	2	Pd#33, D/Pd=0.88, AuCN added to cell, D/Pd=0.87	2/25/97
30WRK	WK252	1997	3	sample has slight gold cast	3/1/97
30WRK	WK253	1997	3	Pd#40, D/Pd=0.79;repeated loading and deloading-D/Pd increases	3/7/97
30WRK	WK254	1997	3	Pd#33, D/Pd=0.86	3/11/97
30WRK	WK255	1997	3	Pd#7 loaded and deloaded-D/Pd increased	3/12/97
30WRK	WK256	1997	4	cell modified to measure supercondictivity	4/27/97
30WRK	WK257	1997	4	PdTKK0088#1 annealed,loaded	4/29/97
30WRK	WK258	1997	5	PdTKK0088#2 loaded	5/8/97
30WRK	WK259	1997	5	PdTKK0088#4 loaded	5/10/97
30WRK	WK260	1997	5	PdTKK0088#5 loaded	5/11/97
30WRK	WK261	1997	5	PdTKK0088#6 loaded	5/13/97
30WRK	WK262	1997	5	**NEW CALORIMETER**	5/17/97
30WRK	WK263	1997	6	DA system redesigned	6/13/97
30WRK	WK264	1997	6	calibrated	6/14/97
30WRK	WK265	1997	6	PdTKK0088#7 loaded	6/23/97
30WRK	WK266	1997	6	PdTKK0088#8 loaded	6/24/97
30WRK	WK267	1997	6	Pd#8 loaded;Pd#7 loaded	6/25/97
30WRK	WK268	1997	6	Pd#9 loaded	6/26/97
30WRK	WK269	1997	7	Pd#10 loaded	7/3/97
30WRK	WK270	1997	7	Pd#9 loaded;D/Pd-=0.83; Pd#11TKK loaded	7/4/97
30WRK	WK271	1997	7	Pd#42; D/Pd=0.77	7/6/97
30WRK	WK272	1997	7	Cell replaired	7/9/97
30WRK	WK273	1997	7	Pd#38;D/Pd=0.81	7/11/97
30WRK	WK274	1997	7	Pd#61-reverse current	7/16/97
30WRK	WK275	1997	7	plated with Au	7/17/97
30WRK	WK276	1997	7	Pd#57;D/Pd=0.89	7/20/97
30WRK	WK277	1997	8	pure Ni	8/12/97
30WRK	WK278	1997	8	rod machined;D/Pd=0.73	8/15/97
30WRK	WK279	1997	8	sandwich of Pd and Ag	8/17/97

30WRK	WK280	1997	8	loaded;D/Pd=0.73	8/24/97
30WRK	WK281	1997	8	Pd6Ra machined pear shaped	8/25/97
30WRK	WK282	1997	8	deloaded;D/Pd=0.76	8/31/97
30WRK	WK283	1997	9	calorimeter modified	9/3/97
30WRK	WK284	1997	9	calibrated	9/8/97
30WRK	WK285	1997	9	new calorimerter	9/26/97
30WRK	WK286	1997	10	calibrated;effect of delta T measured	10/10/97
30WRK	WK287	1997	10	new thermistor	10/17/97
30WRK	WK288	1997	10	calibrated	10/18/97
30WRK	WK289	1997	10	Pd-W1.1;D/Pd=0.75;EV=3.1%	10/18/97
30WRK	WK290	1997	10	Pd-VFTP3.1;D/Pd=0.78;EV=5.6%	10/21/97
30WRK	WK291	1997	10	Pd-Al3.1;D/Pd=0.78;EV=3.9%	10/22/97
30WRK	WK292	1997	10	Pd-W3.1;D/Pd=0.81;EV=5.2%	10/22/97
30WRK	WK293	1997	10	Pd-W2.1;D/Pd=0.77;EV=4.4%	10/23/97
30WRK	WK294	1997	10	leak repaired;Pd-Al2.1;D/Pd=0.74;EV=6.2%	10/23/97
30WRK	WK295	1997	10	Pd-W3.1;D/Pd=0.88	10/25/97
30WRK	WK296	1997	10	Pd=GFTP2.1;D/Pd=0.75;EV=4.6%	10/26/97
30WRK	WK297	1997	10	Pd-GFTP3.1;D/Pd=0.73;EV=3.9%	10/27/97
30WRK	WK298	1997	10	Pd-W3.2;D/Pd=0.79;EV=5.2%	10/28/97
30WRK	WK299	1997	10	Pd GFTP1.1;D/Pd=0.71;EV=3.0%	10/29/97
30WRK	WK300	1997	10	Pd-Al1.1;D/Pd=0.75;EV=3.2%	10/30/97
30WRK	WK301	1997	10	Pd VFTP2.1;D/Pd=0.74;EP=4.0%	10/30/97
30WRK	WK302	1997	10	Pd VFTP1.1;D/Pd=0.71;EV=3.0%	10/31/97
30WRK	WK303	1997	11	Pd GFTP3.2:D/Pd=0.75;EV=4.2%	11/1/97
30WRK	WK304	1997	11	Pd VFTP3.2;D/Pd=0.78;EV=5.2%	11/2/97
30WRK	WK305	1997	11	Pd-Al1.3;D/Pd=0.70;EV=3.4%	11/3/97
30WRK	WK306	1997	11	Pd GFTP2.2;D/Pd=0.72;EV=4.6%-many cracks	11/4/97
30WRK	WK307	1997	11	calibrated using Pt	11/12/97
30WRK	WK308	1997	11	Pd-W3.3-many cracks	11/14/97
30WRK	WK309	1997	11	Pd-Al2.2	11/20/97
30WRK	WK310	1997	11	Pd-Al2.3;D/Pd=0.74;EV=4.5%	11/21/97
30WRK	WK311	1997	11	Pd-Al3.2;D/Pd=0./71;EV=5.0%	11/22/97
30WRK	WK312	1997	11	Pd GFTP2.3;D/Pd=0.68;EV=3.7%	11/23/97
30WRK	WK313	1997	11	new electrolyte;Pd VFTP3.3;D/Pd=0.675;EV=3.5%	11/24/97
30WRK	WK314	1997	11	Pd VFTP1.2;D/Pd=0.76;EV=3.4%	11/25/97
30WRK	WK315	1997	11	Pd-Al1.3;D/Pd=0.75;EV=2.4%	11/26/97

30WRK	WK316	1997	11	Pd GFTP1.2;D/Pd=0.70;EV=	11/27/97
30WRK	WK317	1997	11	Pd-Al2.4;D/Pd=0.74	11/28/97
30WRK	WK318	1997	11	Pd-W1.2;D/Pd=0.65;EV=2,5%	11/29/97
30WRK	WK319	1997	11	Cell redesignedlGFTP1.3;D/Pd=0.71-smooth surface	11/30/97
30WRK	WK320	1997	12	Pd-W2.2;D/Pd=0.81;EV=4.8%	12/1/97
30WRK	WK321	1997	12	new thermistors	12/19/97
30WRK	WK322	1997	12	Pt shows signs of excess energy	12/28/97
30WRK	WK323	1998	1	Pd-W2.3;D/Pd=0.72;EV=3.9%	1/4/98
30WRK	WK324	1998	1	Pd-Al2.5;D/Pd=0.72;EV=3.2%	1/5/98
30WRK	WK325	1998	1	new cell used	1/9/98
30WRK	WK326	1998	1	calibrated	1/11/98
30WRK	WK327	1998	1	Pd-Ag#7	1/11/98
30WRK	WK328	1998	1	Pd foil	1/12/98
30WRK	WK329	1998	1	calibrated using Pt	1/17/98
30WRK	WK330	1998	1	Pt flame heated	1/19/98
30WRK	WK331	1998	1	Pt studied to determine source of energy	1/23/98
30WRK	WK332	1998	2	Pd-Pt#9	2/12/98
30WRK	WK333	1998	2	Pd#58-EV measured-D/Pd=0.85-loaded st 5°-in calorimeter	2/27/98
30WRK	WK334	1998	12	new electrolyte	12/2/98
30WRK	WK335	1998	12	Pd coated with PdCl2+LiCl-heated to 700°-black surface-poorly loaded	12/3/98
30WRK	WK336	1998	12	Pd#92;D/Pd=0.88	12/3/98
30WRK	WK337	1998	12	Pd sheet;D/Pd=0.82	12/4/98
30WRK	WK338	1998	12	Pd#34-heated in molten LiCl+Si;D/Pd=0.74	12/6/98
30WRK	WK339	1998	12	PdB0.75%(Claytor):D/Pd=0.58	12/7/98
30WRK	WK340	1998	12	PdB0.25%(Claytor);D/Pd=0.71	12/8/98
30WRK	WK341	1998	12	Pd plated with Ni	12/9/98
30WRK	WK342	1998	12	Ni plated with Pd	12/14/98
30WRK	WK343	1999	1	Pd#24;D/Pd=0.81; Al in electrolyte	1/27/99
30WRK	WK344	1999	1	Ni#6 plated with Pd; loaded and deloaded in cell	1/29/99
30WRK	WK345	1999	1	Ni#7 plated wiuth Au	1/30/99
30WRK	WK346	1999	1	Ni#8plated with Pd, loaded	1/31/99
30WRK	WK347	1999	2	Pd#33;D/Pd=0.79- no cracks	2/1/99
30WRK	WK348	1999	2	Ni#9 plated with Au + Pd + Ag+ Pd- blisters	2/2/99
30WRK	WK349	1999	2	Pd#40;loaded-deloaded	2/2/99
30WRK	WK350	1999	2	calorimeter cleaned-new electrolyte-calibrated with Pt	2/3/99

30WRK	WK351	1999	2	new plating solutions made	2/3/99
30WRK	WK352	1999	2	Pd#4;D/Pd=0.87-a few cracks	2/4/99
30WRK	WK353	1999	2	Ni#10 plated with Pd	2/4/99
30WRK	WK354	1999	2	in calorimeter	2/5/99
30WRK	WK355	1999	2	Ni#11 Au plated	2/5/99
30WRK	WK356	1999	2	Ni#12 wires mesh Au-Pd plated	2/7/99
30WRK	WK357	1999	2	Ni#13 sheet Li plated	2/7/99
30WRK	WK358	1999	2	Pd#4;D/Pd=0.89- returned to calorimeter-Al in electrolyte	2/9/99
30WRK	WK359	1999	2	Ni#14 Au-Pd plated	2/9/99
30WRK	WK360	1999	2	Ni#15 Au-Pd plated	2/14/99
30WRK	WK361	1999	2	Pt#11 Pd plated-loaded-blisters	2/22/99
30WRK	WK362	1999	2	Pd#4;D/Pd=0.92	2/26/99
30WRK	WK363	1999	2	Pt#12 Pd plated-loaded	2/27/99
30WRK	WK364	1999	3	loading cell cleaned-new electrolyte	3/6/99
30WRK	WK365	1999	3	Pt#13 loaded and deloaded; Pt#134 plated with Pd-recombination measured	3/19/99
30WRK	WK366	1999	3	Si powder in cell	3/20/99
30WRK	WK367	1999	3	Pd#40;loaded-deloaded	3/21/99
30WRK	WK368	1999	4	Pt1b plated with Pd	4/2/99
30WRK	WK369	1999	8	calibrated; Pd plated with Ag, most Ag flaked off	8/27/99
30WRK	WK370	1999	8	Pd plated on Ag-detached-calibrated	8/30/99
30WRK	WK371	1999	9	Ag-Pd#2-treated in various ways	9/4/99
30WRK	WK372	1999	9	Ag-Pd#2 in calorimeter	9/13/99
30WRK	WK373	1999	9	removed-many blisters-replated	9/22/99
30WRK	WK374	1999	9	Pd-Al#1a;D/Pd=0.83;EV=2.5%; in calorimeter	9/27/99
30WRK	WK375	1999	9	Pt#17 cleaned with AR	9/29/99
30WRK	WK376	1999	10	Pd-Al#1a-excess energy detected;D/Pd=0.78	10/5/99
30WRK	WK377	1999	10	removed-isolated blisters	10/10/99
30WRK	WK378	1999	11	Pt#18-plated with Pd	11/2/99
30WRK	WK379	1999	11	Al foil in cell	11/3/99
30WRK	WK380	1999	11	Pt#19 plated with Pd	11/4/99
30WRK	WK381	1999	11	many blisters on Pt#19: Pd-Ag#3 plated with Pd	11/6/99
30WRK	WK382	1999	11	in calorimeter	11/7/99
30WRK	WK383	1999	11	calibrated	11/10/99
30WRK	WK384	1999	11	Pt#19 plated with Pd	11/20/99
30WRK	WK385	1999	11	Ni#16 plated with Pd	11/23/99

30WRK	WK386	1999	11	New electrolyte-Ni-Pd#16 and Ni-Pd#17 loaded	11/24/99
30WRK	WK387	1999	11	MICROSCOPE CALIBRATION	11/24/99
30WRK	WK388	1999	11	Ni-Pd#16 in calorimeter	11/25/99
30WRK	WK389	1999	11	Pt#19 deloaded-many blisters	11/28/99
30WRK	WK390	1999	11	Pt#21 in calorimeter	11/30/99
30WRK	WK391	1999	12	sample dissolved-made electrolyte green	12/7/99
30WRK	WK392	1999	12	calorimeter cleaned-new electrolyte	12/7/99
30WRK	WK393	1999	12	Pt#22 plated with Pd	12/8/99
30WRK	WK394	1999	12	Pt#21 removed	12/9/99
30WRK	WK395	1999	12	calorimeter modified-calibration	12/9/99
30WRK	WK396	1999	12	TKK0088;D/Pd=0.90	12/11/99
30WRK	WK397	1999	12	stirling Ag sheet	12/12/99
30WRK	WK398	1999	12	Ag plated with Au-Pd; in calorimeter-no excess	12/12/99
30WRK	WK399	1999	12	Pt#22 removed	12/15/99
30WRK	WK400	1999	12	Ag0-Au-Pd#2 made	12/15/99
30WRK	WK401	1999	12	Cali #2 cleaned-Cali #1 modified	12/20/99
30WRK	WK402	1999	12	thermistors calibrated	12/24/99
30WRK	WK403	1999	12	Cali #2 calibrated	12/30/99
30WRK	WK404	2000	1	active Pt (10/25/99) in calori.	1/2/00
30WRK	WK405	2000	1	Ag-Au-Pd#2 loaded and deloaded	1/2/00
30WRK	WK406	2000	1	Pt#23 sand blasted-plated with Pd	1/12/00
30WRK	WK407	2000	1	placed in calori #1	1/19/00
30WRK	WK408	2000	1	changes in both calorimeters	1/21/00
30WRK	WK409	2000	1	Active Pt removed-cell calibrated	1/22/00
30WRK	WK410	2000	1	Pt#24-sand blasted-plated with Pd-loaded in calori	1/22/00
30WRK	WK411	2000	1	Active Pt-growth on surface-gray-uneven-in calori #2	1/23/00
30WRK	WK412	2000	1	Pt#25-sand blasted-plated with Pd-loaded	1/24/00
30WRK	WK413	2000	1	deloaded-flame heated-returned to calori	1/31/00
30WRK	WK414	2000	1	deloaded-heated to 800°-flame heated-electrolyzed in LiOH-in calori	1/31/00
30WRK	WK415	2000	2	Pt(1/1/00) in calori	2/7/00
30WRK	WK416	2000	2	removed-calibrated	2/16/00
30WRK	WK417	2000	2	Pt removed	2/20/00
30WRK	WK418	2000	2	Pt#22 cleaned in AR	2/20/00
30WRK	WK419	2000	2	deloaded-cleaned in AR	2/21/00
30WRK	WK420	2000	2	removed-boiled in H2O-in calori-GM next to cell	2/21/00
30WRK	WK421	2000	2	in calori-deloading shows arrest	2/22/00

30WRK	WK422	2000	2	flame heated-in calori	2/23/00
30WRK	WK423	2000	2	cell cleaned	2/26/00
30WRK	WK424	2000	2	replaced by flame cleaned Pt	2/26/00
30WRK	WK425	2000	2	replaced by flame cleaned Pt mesh	2/27/00
30WRK	WK426	2000	2	off-cell cleaned	2/29/00
30WRK	WK427	2000	3	calibration	3/1/00
30WRK	WK428	2000	3	Pt#28 flame ckleaned-electrolyzed in LiOH+B+Si	3/2/00
30WRK	WK429	2000	3	placed in calori	3/3/00
30WRK	WK430	2000	3	removed-cleaned-re-electrolyzed	3/6/00
30WRK	WK431	2000	3	replaced by clean Pt	3/11/00
30WRK	WK432	2000	3	clean Pt replaced by Pt#28	3/12/00
30WRK	WK433	2000	3	power failure	3/18/00
30WRK	WK434	2000	3	calibrated	3/21/00
30WRK	WK435	2000	3	calibrated	3/22/00
30WRK	WK436	2000	3	Pt removed-heater repaired-new electrolyte	3/26/00
30WRK	WK437	2000	3	Pt removed-coated by red layer	3/28/00
30WRK	WK438	2000	3	active Pt in cell #2	3/28/00
30WRK	WK439	2000	4	Pt weighed	4/4/00
30WRK	WK440	2000	4	recalibrated with Pt#32	4/6/00
30WRK	WK441	2000	4	Active Pt removed	4/6/00
30WRK	WK442	2000	4	Li added to electrolyte	4/8/00
30WRK	WK443	2000	4	Ti#1 loaded	4/15/00
30WRK	WK444	2000	4	internal heater on	4/16/00
30WRK	WK445	2000	4	Ti#1 removed	4/20/00
30WRK	WK446	2000	4	new electrolyte-Pt in cell-auto calibration	4/23/00
30WRK	WK447	2000	4	Li added to electrolyte	4/29/00
30WRK	WK448	2000	4	cathode black color-cleaned	4/30/00
30WRK	WK449	2000	5	removed-flame cleaned	5/3/00
30WRK	WK450	2000	6	Pt#34 in calori-weighed every day	6/13/00
30WRK	WK451	2000	6	SB calori modified	6/14/00
30WRK	WK452	2000	6	Ti#1 in calio	6/19/00
30WRK	WK453	2000	6	removed-flame cleaned-returned to SB	6/21/00
30WRK	WK454	2000	6	removed-calibrated	6/25/00
30WRK	WK455	2000	6	Pt#34 removed-electrolysed in Li2CO3+H2O	6/28/00
30WRK	WK456	2000	6	in calorimeter	6/29/00
30WRK	WK457	2000	7	deloaded-cleaned in AR	7/4/00

30WRK	WK458	2000	7	Cali #2 calibrated	7/5/00
30WRK	WK459	2000	7	Pt#34 in SB	7/7/00
30WRK	WK460	2000	7	Li added to electrolyte	7/9/00
30WRK	WK461	2000	7	deloaded-plated with Pd	7/13/00
30WRK	WK462	2000	7	deloaded-flame cleaned	7/14/00
30WRK	WK463	2000	7	Pd#36 in calori	7/19/00
30WRK	WK464	2000	7	deloaded-purple color	7/20/00
30WRK	WK465	2000	9	MILEY STUDY STARTED	9/18/00
30WRK	WK466	2000	10	Miley#4C.2 run	10/2/00
30WRK	WK467	2000	10	magnet in place	10/16/00
30WRK	WK468	2000	10	Miley #4.A.2 run	10/18/00
30WRK	WK469	2000	10	new electrolyte-calibration	10/25/00
30WRK	WK470	2000	10	Pt#21 cleaned	10/26/00
30WRK	WK471	2000	10	Pt#21 in cell	10/28/00
30WRK	WK472	2000	11	Pt#21 removed-plated with Pd	11/2/00
30WRK	WK473	2000	11	loaded	11/4/00
30WRK	WK474	2000	11	deloaded-plated with Al-flame cleaned	11/6/00
30WRK	WK475	2000	11	plated with Pd	11/9/00
30WRK	WK476	2000	11	Malove cell in SB	11/9/00
30WRK	WK477	2000	11	Pt#212 deloaded-electrolyzed in LiOH+Al+boric acid	11/10/00
30WRK	WK478	2000	11	deloaded	11/12/00
30WRK	WK479	2000	11	Pt#21#8 loaded-flame heated- coated with boric acid	11/14/00
30WRK	WK480	2000	11	Pt#21#9 loaded	11/19/00
30WRK	WK481	2000	11	reloaded	11/22/00
30WRK	WK482	2000	12	Pt#22 c;eaned-plated with Pd-loaded	12/1/00
30WRK	WK483	2000	12	replaced by Pt#23	12/3/00
30WRK	WK484	2000	12	cell cleaned-repaired	12/3/00
30WRK	WK485	2000	12	removed-replaced by Pt#24#1	12/5/00
30WRK	WK486	2000	12	Pt#24#1 in cell-loaded	12/5/00
30WRK	WK487	2000	12	Pt#22 flame cleaned, Ag plated, Pd plated, Au plated	12/6/00
30WRK	WK488	2000	12	Seebeck not working	12/7/00
30WRK	WK489	2000	12	Seebeck cleaned-new electrolyte-Pt#26 in SB	12/8/00
30WRK	WK490	2000	12	Pt#22#11 in SB-Pt#27 platedwith Pd	12/9/00
30WRK	WK491	2000	12	Pt#22#11 off-Pt#26 removed, replaced by Pt#27	12/11/00
30WRK	WK492	2000	12	removed-replaced by clean Pt	12/14/00
30WRK	WK493	2000	12	Pt removed-replaced by Ag	12/15/00

30WRK	WK494	2000	12	Ag replaced by Pt	12/17/00
30WRK	WK495	2000	12	Pt removed	12/18/00
30WRK	WK496	2000	12	Pt removed-replaced by Pd#68	12/19/00
30WRK	WK497	2000	12	new electrolyte-clean Pt	12/20/00
30WRK	WK498	2000	12	wt Pd#68 measured	12/21/00
30WRK	WK499	2000	12	Ni#1 in SB, Pt#31 in cal. #2	12/22/00
30WRK	WK500	2000	12	Pt#31 removed , Pt#24 in cal. #2	12/24/00
30WRK	WK501	2000	12	Pt#24 removed, Pt#27 in cell	12/25/00
30WRK	WK502	2000	12	Pt#24 removed,Pd#31#2 in cell	12/27/00
30WRK	WK503	2000	12	Li2CO3 added to cell,Pt#27 in calor. #3	12/28/00
30WRK	WK504	2000	12	Pt#26#2 in calori#2	12/29/00
30WRK	WK505	2000	12	flow changed in Cali #2	12/30/00
30WRK	WK506	2000	12	flow checked, Pt#25#2 in calori #2	12/31/00
30WRK	WK507	2001	1	Pd#25#2 run	1/1/01
30WRK	WK508	2001	1	Pd#25 replaced by clean Pt	1/2/01
30WRK	WK509	2001	1	Pt wire run	1/4/01
30WRK	WK510	2001	1	Pt#27 run	1/5/01
30WRK	WK511	2001	1	Cell #2 run	1/6/01
30WRK	WK512	2001	1	Pd#68 run	1/7/01
30WRK	WK513	2001	1	Pt#27 cleaned in AR+flame, electrolyzed in Ag+CO2+H2O	1/8/01
30WRK	WK514	2001	1	Pt#27#2 run	1/9/01
30WRK	WK515	2001	1	clean Pt run	1/13/01
30WRK	WK516	2001	1	calibrated, SB repaired, new electrolye	1/13/01
30WRK	WK517	2001	1	Pt#27#2 edges removed	1/15/01
30WRK	WK518	2001	1	Pt C in SB	1/16/01
30WRK	WK519	2001	1	Pt D in calori #2	1/17/01
30WRK	WK520	2001	1	Pt A in calori #2	1/18/01
30WRK	WK521	2001	1	Pt C replaced by clean Pt	1/19/01
30WRK	WK522	2001	1	Pt B in SB	1/20/01
30WRK	WK523	2001	1	Pt B#2 in SM	1/21/01
30WRK	WK524	2001	1	clean Pt in SB	1/22/01
30WRK	WK525	2001	1	Pt C in SB, cell modified - treatment of Pt summarized	1/24/01
30WRK	WK526	2001	1	clean Pt in SB, Pt#24#3 in calori #2	1/26/01
30WRK	WK527	2001	1	Pt C#2 in SB	1/27/01
30WRK	WK528	2001	1	new power supply, Pt A#2 in SB	1/28/01
30WRK	WK529	2001	1	Pt#3 in calori #2	1/29/01

30WRK	WK530	2001	1	Mallove cell in SB, Pt E#2 in SB, new electrolyte, glass frame removed	1/30/01
30WRK	WK531	2001	2	Pt#26#3 in SB	2/1/01
30WRK	WK532	2001	2	clean Pt in calori #2	2/2/01
30WRK	WK533	2001	2	Pt E#3 in calori, Pt C in SB	2/3/01
30WRK	WK534	2001	2	Pt C#6 in calori, Pt E in SB	2/4/01
30WRK	WK535	2001	2	clean Pt in calori #2, Pt E in SB	2/5/01
30WRK	WK536	2001	2	Pt F in SB, Pd C#6 in SB	2/6/01
30WRK	WK537	2001	2	clean Pt in SB, Pt F in SB- treatment of Pt summarized	2/7/01
30WRK	WK538	2001	2	Pt G in SB	2/8/01
30WRK	WK539	2001	2	clean Pt	2/10/01
30WRK	WK540	2001	2	clean Pt in calori #2	2/11/01
30WRK	WK541	2001	2	Pt E#5 in SB	2/12/01
30WRK	WK542	2001	2	side cooled cell in SB with clean Pt	2/13/01
30WRK	WK543	2001	2	Pt A#3 in SB	2/14/01
30WRK	WK544	2001	2	Pt E#6 in SB	2/15/01
30WRK	WK545	2001	2	Pt C#7 in SB	2/16/01
30WRK	WK546	2001	2	Pt 22#12 in SB	2/17/01
30WRK	WK547	2001	2	Pt C#8 in SB	2/19/01
30WRK	WK548	2001	2	Ag#2 in SB	2/20/01
30WRK	WK549	2001	2	Ag#3 in SB	2/21/01
30WRK	WK550	2001	2	clean Pt in SB	2/23/01
30WRK	WK551	2001	2	Pt#24#3 repeat	2/24/01
30WRK	WK552	2001	2	clean Pt in SB	2/25/01
30WRK	WK553	2001	2	Pt F in SB	2/26/01
30WRK	WK554	2001	2	Pt C#9 in SB	2/28/01
30WRK	WK555	2001	3	Pt #26 in SB	3/2/01
30WRK	WK556	2001	3	Pt C#10 in SB	3/3/01
30WRK	WK557	2001	3	Pt#22#13 in SB	3/6/01
30WRK	WK558	2001	3	clean Pt in calori #2	3/8/01
30WRK	WK559	2001	3	DA connection changed- treatment of Pt summarized	3/9/01
30WRK	WK560	2001	3	PtA#4 in SB	3/13/01
30WRK	WK561	2001	3	Li added to electrolyte	3/20/01
30WRK	WK562	2001	3	heater broke-new heater+new electrolyte	3/22/01
30WRK	WK563	2001	3	Pt-2-1 in SB	3/23/01
30WRK	WK564	2001	3	Pt-1-1 in SB	3/25/01

30WRK	WK565	2001	3	Pt-2-2 in SB	3/26/01
30WRK	WK566	2001	3	Pd#68 in SB	3/27/01
30WRK	WK567	2001	3	Pt-2-3 in SB	3/28/01
30WRK	WK568	2001	3	one drop H2O added	3/30/01
30WRK	WK569	2001	3	EKS003 in cell#4	3/31/01
30WRK	WK570	2001	4	new electrolyte	4/5/01
30WRK	WK571	2001	4	Pt black in electrolyte	4/8/01
30WRK	WK572	2001	4	large cluster on surface-flame heated	4/11/01
30WRK	WK573	2001	4	Pt-2-3 plated with Pd	4/12/01
30WRK	WK574	2001	4	cell cleaned-new electrolyte	4/13/01
30WRK	WK575	2001	4	Pt-4-1 in SB- treatment of Pt summarized	4/15/01
30WRK	WK576	2001	4	Pt-4-2 in SB-new electrolyte	4/16/01
30WRK	WK577	2001	4	Pt-1-1 cleaned-in SB	4/17/01
30WRK	WK578	2001	4	Pd applied to surface	4/19/01
30WRK	WK579	2001	4	more Pd added	4/21/01
30WRK	WK580	2001	4	Pt-4-3 in SB	4/22/01
30WRK	WK581	2001	4	Pt-4-3	4/23/01
30WRK	WK582	2001	4	Al foil in cell	4/24/01
30WRK	WK583	2001	4	new electrolyte	4/25/01
30WRK	WK584	2001	4	Pt-2-3 in SB	4/27/01
30WRK	WK585	2001	4	power off	4/28/01
30WRK	WK586	2001	4	Pt F-2 in SB	4/29/01
30WRK	WK587	2001	5	Pt-1-1 in SB- new electrolyte	5/1/01
30WRK	WK588	2001	5	Pt-2-4	5/5/01
30WRK	WK589	2001	5	Pt-3/8/01	5/7/01
30WRK	WK590	2001	5	new SB instulled and tested	5/29/01
30WRK	WK591	2001	6	Pt-1-1 in SB a	6/4/01
30WRK	WK592	2001	6	Pt-2-4 in SB b	6/5/01
30WRK	WK593	2001	6	Pt-1-1 in SB b	6/6/01
30WRK	WK594	2001	6	new heater. Pt-1-2 in SB a	6/10/01
30WRK	WK595	2001	6	Pt-1-3 in SB a	6/12/01
30WRK	WK596	2001	6	Pt-1-4 in SB a	6/13/01
30WRK	WK597	2001	6	freezing point of electrolyre studied	6/14/01
30WRK	WK598	2001	6	new electrolyte, clean Pt in cell	6/28/01
30WRK	WK599	2001	7	Pt-1-5 in SB a	7/1/01
30WRK	WK600	2001	7	removed - new electrolyte	7/4/01

30WRK	WK601	2001	7	Pt-1-6 in SB a	7/5/01
30WRK	WK602	2001	7	Pt-2-4 in SB a	7/6/01
30WRK	WK603	2001	7	Pt E-6 in SB a	7/7/01
30WRK	WK604	2001	7	Pt E-7 in SB a	7/15/01
30WRK	WK605	2001	7	1 drop PdCl2+HCl in cell	7/17/01
30WRK	WK606	2001	7	10 mg Pd(NO3)2 in cell	7/18/01
30WRK	WK607	2001	7	Pt E-7 removed	7/22/01
30WRK	WK608	2001	8	Sm metal added, Pt E in cell	8/26/01
30WRK	WK609	2001	8	system off	8/27/01
30WRK	WK610	2001	8	electrolyte distilled	8/29/01
30WRK	WK611	2001	8	Pt-E-8 in SB	8/30/01
30WRK	WK612	2001	8	removed	8/31/01
30WRK	WK613	2001	9	Pt-E-8 plated with Ce2O3	9/1/01
30WRK	WK614	2001	9	Pt-2-4 in SB	9/2/01
30WRK	WK615	2001	10	Case Study Started-system tested gas composition measured	10/3/01
30WRK	WK616	2001	11	cell pressurized wuth D2-cell heated then evacuated	11/13/01
30WRK	WK617	2001	11	gas composition measured- perhaps EP detected	11/14/01
30WRK	WK618	2001	11	calibration run-EP is an error	11/16/01
30WRK	WK619	2001	11	calibrated using quartz light bulb	11/17/01
30WRK	WK620	2001	11	gas composition measured	11/19/01
30WRK	WK621	2001	11	defect in SB found	11/20/01
30WRK	WK622	2001	11	repaired and calibrated	11/21/01
30WRK	WK623	2001	11	gas leak explored	11/22/01
30WRK	WK624	2001	11	thermal arrests seem	11/23/01
30WRK	WK625	2001	11	calibrated	11/24/01
30WRK	WK626	2001	11	cell #1 in SB	11/25/01
30WRK	WK627	2001	11	insulation and heater removed	11/26/01
30WRK	WK628	2001	11	Cell #1removed and replaced by light bulb	11/27/01
30WRK	WK629	2001	11	Cell #1 in SB with 3 heaters	11/28/01
30WRK	WK630	2001	11	cell heated	11/29/01
30WRK	WK631	2001	11	calibrated- Cell #1 heated- apparent excess	11/30/01
30WRK	WK632	2001	12	calibrated	12/1/01
30WRK	WK633	2001	12	cell volume measured-calibration	12/2/01
30WRK	WK634	2001	12	volume measured	12/3/01
30WRK	WK635	2001	12	calibrated	12/5/01
30WRK	WK636	2001	12	Cell #1 run	12/6/01

30WRK	WK637	2001	12	Cell #2 run	12/7/01
30WRK	WK638	2001	12	calibrated	12/11/01
30WRK	WK639	2001	12	calibrated0filament in RGA replaced	12/12/01
30WRK	WK640	2001	12	Cell #2 in SB	12/13/01
30WRK	WK641	2001	12	Pregress Report-Cell #2 in SB	12/21/01
30WRK	WK642	2001	12	calibrated	12/22/01
30WRK	WK643	2001	12	cell #1 in SB	12/22/01
30WRK	WK644	2001	12	Cell #2 in SB	12/23/01
30WRK	WK645	2001	12	Cell #1 studied	12/24/01
30WRK	WK646	2001	12	EP arrests detected	12/26/01
30WRK	WK647	2001	12	calibrated	12/27/01
30WRK	WK648	2002	1	empty cell in CB	1/3/02
30WRK	WK649	2002	1	calibrated	1/4/02
30WRK	WK650	2002	1	cell #2	1/5/02
30WRK	WK651	2002	1	blank cell run-Cell #2 run	1/7/02
30WRK	WK652	2002	1	Glass cell made, Cell#2 in SB	1/8/02
30WRK	WK653	2002	1	Glass cell run	1/9/02
30WRK	WK654	2002	1	calibrated	1/10/02
30WRK	WK655	2002	1	cell heated	1/11/02
30WRK	WK656	2002	1	gas composition- D2 added -under vac	1/12/02
30WRK	WK657	2002	1	poor vac for unknown time	1/14/02
30WRK	WK658	2002	1	D2 added to cewll#2	1/15/02
30WRK	WK659	2002	1	internal heater in place	1/17/02
30WRK	WK660	2002	1	internal heater off	1/18/02
30WRK	WK661	2002	1	heater removed	1/19/02
30WRK	WK662	2002	1	Glass cell run-calibrated	1/21/02
30WRK	WK663	2002	1	new empty metal cell	1/22/02
30WRK	WK664	2002	1	cell #2 in SB	1/28/02
30WRK	WK665	2002	1	run with internal heater	1/30/02
30WRK	WK666	2002	2	cell #3 run	2/4/02
30WRK	WK667	2002	2	cell # 3 run	2/8/02
30WRK	WK668	2002	2	cell #3 run	2/10/02
30WRK	WK669	2002	2	cell #2	2/14/02
30WRK	WK670	2002	2	cell #3 run	2/16/02
30WRK	WK671	2002	2	new stainless steel cell	2/24/02
30WRK	WK672	2002	2	SB B used for Case stidy	2/27/02

30WRK	WK673	2002	2	DA card defective-source of arrests	2/28/02
30WRK	WK674	2002	3	Cell #2 evacuated, Cell#3 run in SB a	3/2/02
30WRK	WK675	2002	3	Cell #2 valve closed @ 244°-valve open and evacuated	3/3/02
30WRK	WK676	2002	3	Cell #2 in SB	3/4/02
30WRK	WK677	2002	3	Cell #2 ecacuated	3/7/02
30WRK	WK678	2002	3	SB b calibrated using cell #4	3/10/02
30WRK	WK679	2002	3	cell #2 evacuated while hot- D2 added-run in SB a	3/12/02
30WRK	WK680	2002	3	cell #2 removed-replaced by cell #3-calibration run	3/14/02
30WRK	WK681	2002	3	Cell #3 runin Sba	3/14/02
30WRK	WK682	2002	3	Cell #2 in SB a	3/15/02
30WRK	WK683	2002	3	cell #2 opened and catalyst removed-EKS001 added to cell #2	3/17/02
30WRK	WK684	2002	3	EKS001 in cell 2 in Sba	3/19/02
30WRK	WK685	2002	3	Cell#3 in SBb, EKS002 in Cell #1	3/20/02
30WRK	WK686	2002	3	D2 added, EKS002 made, EKS003 made	3/21/02
30WRK	WK687	2002	3	Cell#3 in SBa-Cell#2 heated	3/23/02
30WRK	WK688	2002	3	Cell#1 with EKS002	3/25/02
30WRK	WK689	2002	3	fan replaced	3/28/02
30WRK	WK690	2002	3	Cell#2 in Sba	3/30/02
30WRK	WK691	2002	4	Cell #4 heated, D2 added	4/1/02
30WRK	WK692	2002	4	Cell #4 evacuated	4/2/02
30WRK	WK693	2002	4	Cell #2 in Sba, Cell #3 in SBb	4/3/02
30WRK	WK694	2002	4	Cell #1 cooled and placed in SBb, Cell#3 in SB-a	4/5/02
30WRK	WK695	2002	4	Cell#4 heated under vac, loased with D2, in Sba	4/7/02
30WRK	WK696	2002	4	Cell#3 in Sba, Cell#1 opened	4/12/02
30WRK	WK697	2002	4	EKS004 in cell #1 under vac	4/13/02
30WRK	WK698	2002	4	D2 added to cell #1, heated-Cell#5 backed out	4/14/02
30WRK	WK699	2002	4	D2 pumped out of cell #1 while hot	4/15/02
30WRK	WK700	2002	4	D2 added to cell #1	4/16/02
30WRK	WK701	2002	4	D2 added to cell #4 @ 171°-Cell #4 in SBb	4/17/02
30WRK	WK702	2002	4	Cell #3 in Sba, heated to 347°	4/20/02
30WRK	WK703	2002	4	power off during night	4/21/02
30WRK	WK704	2002	4	SBb restrated-SBa overheated-Sba calibrated	4/23/02
30WRK	WK705	2002	4	Cell#3 in Sba	4/24/02
30WRK	WK706	2002	4	Cell #5 in SBb	4/25/02
30WRK	WK707	2002	4	Cell #3 moved to Sba-recalibrated	4/26/02
30WRK	WK708	2002	4	SBa and SBb opened	4/28/02

30WRK	WK709	2002	4	Cell #1 in SBa	4/30/02
30WRK	WK710	2002	5	D2 in cell #4-in SBb	5/1/02
30WRK	WK711	2002	5	Cell#3 in Sba	5/2/02
30WRK	WK712	2002	5	Cell #2 in Sba	5/3/02
30WRK	WK713	2002	5	cell#4 evacuated	5/4/02
30WRK	WK714	2002	5	D2 added to cell #4, heated to 222°	5/6/02
30WRK	WK715	2002	5	cell#3 in Sba	5/9/02
30WRK	WK716	2002	5	D2 added to cell #4	5/12/02
30WRK	WK717	2002	5	cell#5 in SBb	5/12/02
30WRK	WK718	2002	5	cell#5 in SBb	5/15/02
30WRK	WK719	2002	5	cell#4 evacuated at 205°	5/16/02
30WRK	WK720	2002	5	cell #5rerun in SBb	5/18/02
30WRK	WK721	2002	5	cell#4 @211°-in SBb	5/20/02
30WRK	WK722	2002	5	cell#5 in SBb	5/24/02
30WRK	WK723	2002	5	D2 added to cell#4	5/25/02
30WRK	WK724	2002	5	in SBb	5/26/02
30WRK	WK725	2002	5	removed-replabved by cell#5	5/27/02
30WRK	WK726	2002	5	Cell#5 replaced by cell #4	5/28/02
30WRK	WK727	2002	5	cell#4 replacxed by cell #5-EKS005 made	5/29/02
30WRK	WK728	2002	5	EKS0045 in cell#2	5/31/02
30WRK	WK729	2002	6	cell#2 evaciated-cell#4 and EKS003 removed-D2 added to cell#2-EKS006 made	6/1/02
30WRK	WK730	2002	6	cell#3 in SBb-calibrated	6/2/02
30WRK	WK731	2002	6	EKS006 in cell#4-Cell#2 @140°	6/4/02
30WRK	WK732	2002	6	D2 added to cell#2 and cell#4-cell#2 in SBb	6/5/02
30WRK	WK733	2002	6	cell#4 evacuated	6/6/02
30WRK	WK734	2002	6	cell#4@202°-D2 added	6/7/02
30WRK	WK735	2002	6	cell#2 removed from SBb and evacuated	6/10/02
30WRK	WK736	2002	6	cell#2@171°	6/11/02
30WRK	WK737	2002	6	cell#4 off	6/14/02
30WRK	WK738	2002	6	cell#2 off-EKS007 in cell#4-EKS008 made	6/15/02
30WRK	WK739	2002	6	cell#4 heated to 225°-EKS008 in cell#2 SBb	6/16/02
30WRK	WK740	2002	6	D2 in cell #4-in SBb	6/18/02
30WRK	WK741	2002	6	Cell #2 removed from SBb-cell#4 removed from SB-cell#5 in	6/20/02
30WRK	WK742	2002	6	cell #5 run in new SB	6/26/02
30WRK	WK743	2002	6	cell#2 in SBb	6/28/02

30WRK	WK744	2002	6	EKS008 in cell#2, evacuated	6/30/02
30WRK	WK745	2002	7	cell#1 in SBb-EKS009 made	7/1/02
30WRK	WK746	2002	7	D2 added to cell #2	7/2/02
30WRK	WK747	2002	7	D2 pumped out	7/3/02
30WRK	WK748	2002	7	D2 added to cell#2	7/4/02
30WRK	WK749	2002	7	cell#4+EKS006 in new SB-EKS004 in cell#1	7/7/02
30WRK	WK750	2002	7	cell#4 removed-replaced by cell #5-Cell#1 removed and replaced by cell#3	7/8/02
30WRK	WK751	2002	7	D2 added to cell#2-EKS009 in vell #4, evac, heated	7/9/02
30WRK	WK752	2002	7	Cell#1 @125°, Cell#4 @188°	7/10/02
30WRK	WK753	2002	7	cell#1@ 153°, D2 added-Cell#4 evac, EKS010 in cell#4	7/11/02
30WRK	WK754	2002	7	cell#1 and #4 continued	7/12/02
30WRK	WK755	2002	7	D2 added to cell#1 in SBb	7/13/02
30WRK	WK756	2002	7	cell#4 evac.-cell#1 evac.	7/16/02
30WRK	WK757	2002	7	Cell#1 in SBb -Cell#4 in new SB-EKS010 made	7/17/02
30WRK	WK758	2002	7	cell#1 replaced by cell#3-Cell#4 replaced by cell#5	7/19/02
30WRK	WK759	2002	7	cell#3 replaced by cell#2-Cell#5 replaced by cell#4	7/20/02
30WRK	WK760	2002	7	cell#2 evac-in SBb	7/22/02
30WRK	WK761	2002	7	cell#4 leak tested-D2 added	7/23/02
30WRK	WK762	2002	7	cell#4 removed-replaced by cell#5	7/26/02
30WRK	WK763	2002	7	calibration error-cell#5 in for calibration	7/27/02
30WRK	WK764	2002	7	cell#4 evac, in new SB to replces #5	7/29/02
30WRK	WK765	2002	7	insulation changed	7/30/02
30WRK	WK766	2002	7	cell#4 run in new SB	7/31/02
30WRK	WK767	2002	8	cell#4 evac. Filled with D2	8/1/02
30WRK	WK768	2002	8	cell#4 in new SB	8/2/02
30WRK	WK769	2002	8	cell#4 replaced by cell#5	8/5/02
30WRK	WK770	2002	8	cell#5 run, cell#4 in SB	8/19/02
30WRK	WK771	2002	8	cell#5 in SBb	8/20/02
30WRK	WK772	2002	8	sample rempved from cell#4-EKS010 in cell#4-evac-D2 added	8/21/02
30WRK	WK773	2002	8	cell#4 evac-D2 added	8/22/02
30WRK	WK774	2002	8	cell#5 replaced by cell#4	8/24/02
30WRK	WK775	2002	8	Cell#4 replaced by cell #5	8/29/02
30WRK	WK776	2002	8	cell#1 evac.	8/30/02
30WRK	WK777	2002	9	D2 added-heated	9/2/02
30WRK	WK778	2002	9	placed in new SB	9/6/02

30WRK	WK779	2002	9	cell#5 in SB n-pressure measured	9/11/02
30WRK	WK780	2002	9	cell removed-replaced by cell#5-EKS011 made	9/21/02
30WRK	WK781	2002	11	fresh electrolyte-flame heated	11/3/02
30WRK	WK782	2002	11	out gassed C supplied by SRI	11/21/02
30WRK	WK783	2002	11	heated	11/28/02
30WRK	WK784	2002	11	microcrystals electrodeposited	11/28/02
30WRK	WK785	2002	12	laser cell made	12/5/02
30WRK	WK786	2002	12	Ptdot1 exposed to laser	12/8/02
30WRK	WK787	2002	12	Ptdot1 plated with Au	12/9/02
30WRK	WK788	2002	12	plating continued	12/10/02
30WRK	WK789	2002	12	current on	12/10/02
30WRK	WK790	2002	12	Case material in cell#5-under vac	12/12/02
30WRK	WK791	2002	12	EKS010 in cell#4, evasc., D2 added-placed in new SB	12/12/02
30WRK	WK792	2002	12	anode in Letts cell plated with Au-Dot heated with flame	12/13/02
30WRK	WK793	2002	12	power off while heated	12/13/02
30WRK	WK794	2002	12	calibrated	12/17/02
30WRK	WK795	2002	12	D2 added cell, heated, evac.	12/18/02
30WRK	WK796	2002	12	placed in SB under vac	12/19/02
30WRK	WK797	2002	12	cleaned with Ar+flame-Au electrode in cell	12/19/02
30WRK	WK798	2002	12	electrolyzed	12/20/02
30WRK	WK799	2002	12	evac.	12/21/02
30WRK	WK800	2002	12	Letts surface yellow	12/21/02
30WRK	WK801	2002	12	electrode plated with Pd-in Letts cell	12/22/02
30WRK	WK802	2002	12	LiD added to cell	12/26/02
30WRK	WK803	2002	12	laser on-magnet in place	12/27/02
30WRK	WK804	2002	12	cell off	12/31/02
30WRK	WK805	2002	12	cell off	12/31/02
30WRK	WK806	2003	1	boric acid added-Pt burnished-flame cleaned-cell without ears	1/5/03
30WRK	WK807	2003	1	plated with Pd-in SB	1/10/03
30WRK	WK808	2003	1	IMRA#38 in glass stand-in SB	1/14/03
30WRK	WK809	2003	2	Letts cell cleaned-new electrolyte	2/13/03
30WRK	WK810	2003	2	Pt cathode removed-Pd cathoded loaded	2/17/03
30WRK	WK811	2003	2	gold electrod on	2/19/03
30WRK	WK812	2003	2	gold deposit on wall removed	2/20/03
30WRK	WK813	2003	2	cathode covered by brown layer	2/22/03
30WRK	WK814	2003	2	Pd cleaned with sandpasper-loaded on Letts cell-laser on	2/23/03

30WRK	WK815	2003	3	inside SB painted with lacquer	3/1/03
30WRK	WK816	2003	3	Case cell in SB	3/4/03
30WRK	WK817	2003	3	Mckubre C coaded with Pd-evac-D2 added-heated	3/9/03
30WRK	WK818	2003	3	sample in Letts cell	3/9/03
30WRK	WK819	2003	3	Au electrode attached to anode-Au deposited	3/11/03
30WRK	WK820	2003	3	D2 added to Case cell-in new SB	3/11/03
30WRK	WK821	2003	3	cathode weighed	3/13/03
30WRK	WK822	2003	3	elexctrode in celkl-PdCl2 added-laser on	3/14/03
30WRK	WK823	2003	3	plating study stated	3/22/03
30WRK	WK824	2003	3	Case cell removed ftom SB	3/24/03
30WRK	WK825	2003	3	Pd#64 rolled-heated @1000°-plated with Au-in calorimeter	3/28/03
30WRK	WK826	2003	4	PdCl2 + D2O added	4/1/03
30WRK	WK827	2003	4	Pd(NO3)2 + H2O added	4/2/03
30WRK	WK828	2003	4	electrolyte replaced	4/4/03
30WRK	WK829	2003	4	Case cell in SB	4/4/03
30WRK	WK830	2003	4	Laser effect seen-spot moved-cathode surface explored	4/6/03
30WRK	WK831	2003	4	Jacket T reduced-effect of curremt studied	4/7/03
30WRK	WK832	2003	4	laser on -explored different locations and conditions	4/9/03
30WRK	WK833	2003	4	gradient stidied as a function of stirring-calibrated-laser applied	4/10/03
30WRK	WK834	2003	4	laser applied to Pt-laser applied to Pd#64+Au	4/11/03
30WRK	WK835	2003	4	laser on-cathode replaced by Pt	4/12/03
30WRK	WK836	2003	4	Pt calivration-replaced by Pd#64+Au-laser on	4/13/03
30WRK	WK837	2003	4	laser on-applied to different location-Pd#64 replated	4/15/03
30WRK	WK838	2003	4	Pd64+Au replaced by Pt and calibrated	4/16/03
30WRK	WK839	2003	4	calibrated	4/17/03
30WRK	WK840	2003	4	Pt removed-cleaned-replaced	4/18/03
30WRK	WK841	2003	4	Pd64+Au removed-sent to Larsen-replaced by Pt	4/20/03
30WRK	WK842	2003	4	calibrated-laser and PF effect evident-cleaned	4/21/03
30WRK	WK843	2003	4	Miley cell calibrated	4/21/03
30WRK	WK844	2003	4	both Letts lesar and He-Ne laser applied	4/22/03
30WRK	WK845	2003	4	New Letts cell in SB-calibrated with Pt	4/23/03
30WRK	WK846	2003	4	calibrated using electrolysis	4/24/03
30WRK	WK847	2003	4	Pd#64+Au#2 in cell-loaded with Li6	4/25/03
30WRK	WK848	2003	4	Cell in SB	4/26/03
30WRK	WK849	2003	4	Clean Pt in cell-calibrated	4/28/03
30WRK	WK850	2003	4	calibrated using laser	4/29/03

30WRK	WK851	2003	4	Pd64+Au#3 in cell	4/30/03
30WRK	WK852	2003	5	laser on	5/1/03
30WRK	WK853	2003	5	laser on	5/2/03
30WRK	WK854	2003	5	cathode removed-plated with Au	5/3/03
30WRK	WK855	2003	5	effect of interrupting current explored	5/4/03
30WRK	WK856	2003	5	anode changed to Pd wire-calibrated	5/5/03
30WRK	WK857	2003	5	resistor added-calibrated	5/6/03
30WRK	WK858	2003	5	calibrated with Pt	5/7/03
30WRK	WK859	2003	5	laser on	5/9/03
30WRK	WK860	2003	5	cell cleaned of oil-Au electrode installed-cathode looked melted on laser side	5/10/03
30WRK	WK861	2003	5	Ni screen plated with Pd	5/11/03
30WRK	WK862	2003	5	Ni screen in SB-laser on	5/12/03
30WRK	WK863	2003	5	Pd64+Au#4 in SB-Pt plated with Au+Pd	5/13/03
30WRK	WK864	2003	5	Pt+Au+Pd in SB	5/14/03
30WRK	WK865	2003	5	removed from SB-C on Ni in SB	5/15/03
30WRK	WK866	2003	5	C on Ni removed-Pt calibration- new DA-repairs made-small fan used	5/17/03
30WRK	WK867	2003	5	wave length-temperature function measured	5/20/03
30WRK	WK868	2003	5	three fans used	5/27/03
30WRK	WK869	2003	5	four fans used	5/28/03
30WRK	WK870	2003	5	fans removed-Pt#6 removed-clean Pt#5 in	5/30/03
30WRK	WK871	2003	6	flaw in fan corrected	6/4/03
30WRK	WK872	2003	6	Pt run	6/5/03
30WRK	WK873	2003	6	new heater in place-KI in cell-calibrated	6/8/03
30WRK	WK874	2003	6	LiCl added	6/11/03
30WRK	WK875	2003	6	Pt(C5H67O2)2 added	6/13/03
30WRK	WK876	2003	6	cell cleaned-LiO added	6/14/03
30WRK	WK877	2003	6	Cu removed-Ni fiberex in cell	6/20/03
30WRK	WK878	2003	6	Pt cleaned with AR-flame cleaned	6/24/03
30WRK	WK879	2003	6	laser freq. changed	6/26/03
30WRK	WK880	2003	6	Al added	6/27/03
30WRK	WK881	2003	6	CeO3 colloid added	6/30/03
30WRK	WK882	2003	7	Pd64+Au#4 in cell-new electrolyte	7/2/03
30WRK	WK883	2003	7	Pt cathode-flame heated-plated with Pd-in SB	7/8/03
30WRK	WK884	2003	7	Pt+Pd removed-heated @600° in air-in SB	7/11/03
30WRK	WK885	2003	7	removed-electrolyzed using Au anode-in SB	7/12/03

30WRK	WK886	2003	7	removed-plated with Pd-in SB	7/14/03
30WRK	WK887	2003	7	plated with Rh-in SB	7/15/03
30WRK	WK888	2003	7	removed-cleaned in AR-plated with Pd+Au-in SB	7/17/03
30WRK	WK889	2003	7	plated usin PdCl2_AuCl-in SB	7/21/03
30WRK	WK890	2003	7	Pt-Pd#4 in SB	7/25/03
30WRK	WK891	2003	7	electrolyzed using Au electrode-in SB	7/27/03
30WRK	WK892	2003	7	square wave used	7/30/03
30WRK	WK893	2003	8	calibrated using AC and heater	8/1/03
30WRK	WK894	2003	8	Miley sample studied-calibrated	8/5/03
30WRK	WK895	2003	8	power supply grounded	8/8/03
30WRK	WK896	2003	8	cap. in fan circuit	8/9/03
30WRK	WK897	2003	8	heater replaired	8/10/03
30WRK	WK898	2003	8	fan position changed-new SB connected	8/18/03
30WRK	WK899	2003	8	new Letts study-calibrated with heater	9/1/03
30WRK	WK900	2003	9	M-1 removed frtom Miley cell-debonded	9/3/03
30WRK	WK901	2003	9	M-2 replaced by M-3	9/5/03
30WRK	WK902	2003	9	Run with and without laser	9/5/03
30WRK	WK903	2003	9	new fan	9/11/03
30WRK	WK904	2003	9	removed-Pd64+Au#3 in SB	9/11/03
30WRK	WK905	2003	9	Cu#1 cleaned with HNO3-plated with PD+Au-in SB	9/16/03
30WRK	WK906	2003	9	replated	9/18/03
30WRK	WK907	2003	9	cleaned with NHO3-replated with Pd+Au	9/20/03
30WRK	WK908	2003	9	recombiner failed-rcalibrated	9/22/03
30WRK	WK909	2003	9	partile detection cell made-clean Pt- calibrated	9/24/03
30WRK	WK910	2003	10	removed-close spacing cell made-new electrolyte	10/1/03
30WRK	WK911	2003	10	calibrated	10/2/03
30WRK	WK912	2003	10	DA system changed-recalibrated	10/5/03
30WRK	WK913	2003	10	PtCl2 added to cell	10/6/03
30WRK	WK914	2003	10	current increased	10/7/03
30WRK	WK915	2003	10	PdCl2 added	10/8/03
30WRK	WK916	2003	10	current increased	10/9/03
30WRK	WK917	2003	10	Pd(C5H7O2)2 added	10/11/03
30WRK	WK918	2003	10	DA modified	10/12/03
30WRK	WK919	2003	10	off	10/12/03
30WRK	WK920	2003	10	Miley sample run in new SB-new electrolyte-Pt mesh anode	10/13/03
30WRK	WK921	2003	10	**Miley calibration found in error**	10/15/03

30WRK	WK922	2003	10	Cu#1 removed and sandblasted-nano Pd applied	10/15/03
30WRK	WK923	2003	10	in SB and calibrated	10/20/03
30WRK	WK924	2003	10	Miley 11129003A run	10/21/03
30WRK	WK925	2003	10	Ni screen loaded with Pd ppt using NaBH4-plated with Pd	10/21/03
30WRK	WK926	2003	10	removed	10/22/03
30WRK	WK927	2003	10	Miley 11129005A run	10/23/03
30WRK	WK928	2003	10	PtCl2+PdCl2+SrCl2 placed on Ni mesh-in SB	10/25/03
30WRK	WK929	2003	10	Miley 11129004A run	10/27/03
30WRK	WK930	2003	11	Miley sample removed-Miley 11129006A in SB	11/7/03
30WRK	WK931	2003	11	removed-Acid electrolyte studied-Pt in SB	11/9/03
30WRK	WK932	2003	11	removed	11/11/03
30WRK	WK933	2003	11	Anode replaced by Pt-	11/12/03
30WRK	WK934	2003	11	D2SO4+D2O electrolyte-Pt plated with Pd-in SB	11/13/03
30WRK	WK935	2003	11	plating off-in SB	11/14/03
30WRK	WK936	2003	11	plating off	11/15/03
30WRK	WK937	2003	11	removed fom SB	11/16/03
30WRK	WK938	2003	11	plated with Li-in SB-plated with Pd-=in SB	11/17/03
30WRK	WK939	2003	11	plated with colloidal SiO2-in SB	11/18/03
30WRK	WK940	2003	11	plated with Au-in SB	11/19/03
30WRK	WK941	2003	11	Laser on-new electrolyte-rerun	11/20/03
30WRK	WK942	2003	11	Pt plated with Pd-in SB	11/20/03
30WRK	WK943	2003	11	replated with Pd-in SB-calibrated	11/21/03
30WRK	WK944	2003	11	removed-flame heated-in SB	11/22/03
30WRK	WK945	2003	11	plated with PdCl2+NH4Cl	11/23/03
30WRK	WK946	2003	11	calibrated-in SB	11/25/03
30WRK	WK947	2003	11	rerun-Pt cleaned-replated-in SB	11/26/03
30WRK	WK948	2003	11	Pd rolled-annealed-run as anode-in SB	11/27/03
30WRK	WK949	2003	11	Pt(11/21/3) in SB-Pd(11/29/3) in SB-Au anode instulled	11/28/03
30WRK	WK950	2003	11	designed changed to apply current to Au electrode	11/30/03
30WRK	WK951	2003	12	fan unstable-recalibrated	12/1/03
30WRK	WK952	2003	12	electrolyzed using An anode	12/2/03
30WRK	WK953	2003	12	Au anode gone-	12/3/03
30WRK	WK954	2003	12	calibrated	12/4/03
30WRK	WK955	2003	12	cell cleaned	12/7/03
30WRK	WK956	2003	12	Pt plated with Pd+nano Pd- in SB	12/8/03
30WRK	WK957	2003	12	Pd burnished-flame heated-in SB	12/10/03

30WRK	WK958	2003	12	removed-surface sanded-flame heated-in SB	12/12/03
30WRK	WK959	2003	12	removed	12/13/03
30WRK	WK960	2003	12	in SB-cleaned with AE-replated-in SB	12/14/03
30WRK	WK961	2003	12	removed-plated with Pd-in SB	12/17/03
30WRK	WK962	2003	12	Si vac grease applied to Pd-heated at 800°-plated with Pt-in SB	12/22/03
30WRK	WK963	2003	12	removed -flame cleaned-plated with Pd-in SB	12/25/03
30WRK	WK964	2003	12	Pt purnished-flame cleaned-plated with Pd-in SB	12/26/03
30WRK	WK965	2003	12	Pt burnished-plated with Pd-in SB	12/27/03
30WRK	WK966	2004	1	Plated with Pd+CeO2-in SB	1/2/04
30WRK	WK967	2004	1	removed and weighed	1/18/04
30WRK	WK968	2004	2	new SB finished-calibrated	2/1/04
30WRK	WK969	2004	2	calibrated	2/3/04
30WRK	WK970	2004	2	cell opened. Pt weighed-Pd(NO3)2 added	2/12/04
30WRK	WK971	2004	2	Pt weighed- more Pd(NO3)2 added	2/14/04
30WRK	WK972	2004	2	Pt weighed- more Pd(NO3)2 added	2/16/04
30WRK	WK973	2004	2	Pt covered by loose black deposit	2/18/04
30WRK	WK974	2004	2	cathode cleaned with Q-tip	2/19/04
30WRK	WK975	2004	2	Cu in cell-repairs made	2/21/04
30WRK	WK976	2004	2	Zr anode found to produce too much voltage drop	2/25/04
30WRK	WK977	2004	2	Zr replaced by Pd wire-calibrated	2/27/04
30WRK	WK978	2004	2	cell tested and repaired	2/28/04
30WRK	WK979	2004	2	calibrated	2/29/04
30WRK	WK980	2004	2	Pd(C5H7O2)2 added-electrolyzed at 1.5 A	3/3/04
30WRK	WK981	2004	3	more added-T reduced to 10°-recalibrated	3/4/04
30WRK	WK982	2004	3	cathode covered by black deposit-GdCl3 added	3/6/04
30WRK	WK983	2004	3	calibrated	3/7/04
30WRK	WK984	2004	3	white ppt in cell-Gd had no effect-D2SO4+D2O electrolyte	3/8/04
30WRK	WK985	2004	3	Pd(NO3)2+Gd metal- no EP	3/10/04
30WRK	WK986	2004	3	Li2SO4+D2O-calibrated-electrolyzed	3/11/04
30WRK	WK987	2004	3	solution clear-anode brown-cathode metallic-Pd(NO3)2 + Gd added	3/13/04
30WRK	WK988	2004	3	electrolyzed-no EP- New Pt cathode	3/14/04
30WRK	WK989	2004	3	cell cleaned with AR-LiD+D2O electrolyte	3/15/04
30WRK	WK990	2004	3	Pd(NO3)2 added-no EP	3/16/04
30WRK	WK991	2004	3	cathode gray, anode golden, tellow ppt-no EP	3/17/04
30WRK	WK992	2004	3	cathode weighed-no change	3/18/04
30WRK	WK993	2004	3	PLATING STUDIES start-Ag cathode, Pt anode, reference electrode	3/24/04

30WRK	WK994	2004	3	plating apparatus tested	3/28/04
30WRK	WK995	2004	3	Pd plated on Ag-run in calorimeter	3/29/04
30WRK	WK996	2004	4	Ag plated with Pd-run in calorimeter	4/1/04
30WRK	WK997	2004	4	Ag plated with Pd	4/2/04
30WRK	WK998	2004	4	LiD added to electrolyte-Ag#5 in calorimeter-no EP	4/3/04
30WRK	WK999	2004	4	Ag#1 in calorimeter-no EP	4/4/04
30WRK	WK1000	2004	4	Ag#4 in calorimeter	4/6/04
30WRK	WK1001	2004	4	Ag#4 removed and replated	4/7/04
30WRK	WK1002	2004	4	Ag#4 in calirimeter-NO EP	4/8/04
30WRK	WK1003	2004	4	cell cleaned	4/10/04
30WRK	WK1004	2004	7	small SB calibrated	7/15/04
30WRK	WK1005	2004	7	new electrolyte	7/16/04
30WRK	WK1006	2004	7	sample removed-no EP, Pt in SB	7/21/04
30WRK	WK1007	2004	7	sample removed, no EP, active Pt in SB-no EP	7/22/04
30WRK	WK1008	2004	7	Pt dot 3 cleaned with AR-used to calibrate	7/26/04
30WRK	WK1009	2004	7	The Pt cathode is observed being covered by Pd	7/28/04
30WRK	WK1010	2004	7	sample removed, weighed, returned to SB	7/29/04
30WRK	WK1011	2004	7	sample removed, weighed, returned to SB	7/30/04
30WRK	WK1012	2004	7	sample removed, weighed, returned to SB	7/31/04
30WRK	WK1013	2004	8	sample removed, weighed, returned to SB	8/2/04
30WRK	WK1014	2004	8	calibrated	8/3/04
30WRK	WK1015	2004	8	recalibrated	8/4/04
30WRK	WK1016	2004	8	sample removed, weighed, returned to SB	8/5/04
30WRK	WK1017	2004	8	sample removed, weighed, returned to SB	8/7/04
30WRK	WK1018	2004	8	sample removed, flame cleaned, returned to SB	8/8/04
30WRK	WK1019	2004	8	sample removed, weighed, returned to SB	8/9/04
30WRK	WK1020	2004	8	sample removed, weighed, returned to SB- LiCl added	8/10/04
30WRK	WK1021	2004	8	sample removed, weighed, returned to SB- PtCl2 added	8/13/04
30WRK	WK1022	2004	8	current reversed	8/14/04
30WRK	WK1023	2004	8	sample removed, weighed, returned to SB	8/16/04
30WRK	WK1024	2004	8	Seebeck #2 cell#1 calibrated- plating solutions made	8/17/04
30WRK	WK1025	2004	8	sample cleaned in HNO3-CeO2 wiped on surface	8/19/04
30WRK	WK1026	2004	8	CeO2 powder appled to surface-Pd anode - calibrated	8/20/04
30WRK	WK1027	2004	8	sample removed, weighed, returned to SB	8/21/04
30WRK	WK1028	2004	8	recalibrated- cap. In fan circuit	8/22/04
30WRK	WK1029	2004	8	sample removed, weighed, returned to SB	8/24/04

30WRK	WK1030	2004	8	cathode removed-black	8/25/04
30WRK	WK1031	2004	8	Ptdot2 plated with Pd-in cell #1 SB#2	8/27/04
30WRK	WK1032	2004	8	sample removed, weighed, returned to SB	8/27/04
30WRK	WK1033	2004	8	cell opened-LiD added	8/28/04
30WRK	WK1034	2004	9	cell cleaned -new electrolyte-Pt dot 4 polished-flame cleaned	9/3/04
30WRK	WK1035	2004	9	cathode clean-weighed	9/6/04
30WRK	WK1036	2004	9	LiCl added to electrolyte-calibrated	9/7/04
30WRK	WK1037	2004	9	sample electrolyzed	9/9/04
30WRK	WK1038	2004	9	electrolyte gone-cell cleaned-new electrolyte	9/9/04
30WRK	WK1039	2004	9	SB#2 calibrated	9/10/04
30WRK	WK1040	2004	9	plated with Au-in SB #2	9/10/04
30WRK	WK1041	2004	9	sample weighed-black deposit and on bottom of cell	9/11/04
30WRK	WK1042	2004	9	Pt(9-10-4) +Au in SB andcalibrated	9/11/04
30WRK	WK1043	2004	9	cell off- anode yellow-cathode black	9/13/04
30WRK	WK1044	2004	9	Pd anoded replaced by Pt	9/13/04
30WRK	WK1045	2004	9	calibrated	9/13/04
30WRK	WK1046	2004	9	sample removed, weighed, returned to SB	9/14/04
30WRK	WK1047	2004	9	Ptdot3 polished-new electrolyte-	9/15/04
30WRK	WK1048	2004	9	IMRA#60 heated red hot-Pt dot 4 removed-reverse electrolysis	9/16/04
30WRK	WK1049	2004	9	sample removed-cleaned-plated with Au-run in SB#2	9/17/04
30WRK	WK1050	2004	9	Pt dot4 removed-returned-reverse electrolysis	9/17/04
30WRK	WK1051	2004	9	sample removed, weighed, returned to SB	9/18/04
30WRK	WK1052	2004	9	Ptdot3 plated with Au	9/19/04
30WRK	WK1053	2004	9	Ptdot3 in SB	9/22/04
30WRK	WK1054	2004	9	sample removed	9/23/04
30WRK	WK1055	2004	9	Ptdot4 calibrated	9/23/04
30WRK	WK1056	2004	9	Pt(9-23-4)+Ag- in cell	9/24/04
30WRK	WK1057	2004	9	calibrated	9/24/04
30WRK	WK1058	2004	9	Pt(9-23-4) electrolyzed	9/25/04
30WRK	WK1059	2004	9	removed-no EP - cell repaired	9/26/04
30WRK	WK1060	2004	9	sample removed, weighed, returned to SB	9/26/04
30WRK	WK1061	2004	9	Ptdot4 plated with Pt	9/27/04
30WRK	WK1062	2004	9	more plating	9/28/04
30WRK	WK1063	2004	9	Ptdot3 cleaned-polished-plated	9/28/04
30WRK	WK1064	2004	9	Ptdot3 in SB-increasing EP	9/29/04
30WRK	WK1065	2004	9	Inside SB sealed to stop water leaks-recalibrated	9/30/04

30WRK	WK1066	2004	10	PdDot2 in cewll-new electrolyte	10/1/04
30WRK	WK1067	2004	10	calibrated-new electrolyte	10/4/04
30WRK	WK1068	2004	10	anodic electrolysis	10/6/04
30WRK	WK1069	2004	10	sample removed, weighed, returned to SB	10/7/04
30WRK	WK1070	2004	10	removed-Pd anode replaced by Pt	10/10/04
30WRK	WK1071	2004	10	3NGFTP rolled-plated with Pd-in SB	10/13/04
30WRK	WK1072	2004	10	removed-deloaded-D/Pd=0.24	10/14/04
30WRK	WK1073	2004	11	Ag-1 polished-flame heated-plated using CO2+H2O	11/9/04
30WRK	WK1074	2004	11	polished-replated	11/10/04
30WRK	WK1075	2004	11	Pd added to plating solution-in SB	11/11/04
30WRK	WK1076	2004	11	sample removed, weighed, returned to SB-no EP	11/12/04
30WRK	WK1077	2004	11	no EP-polished-replated-in SB	11/13/04
30WRK	WK1078	2004	11	no EP	11/14/04
30WRK	WK1079	2004	11	Ag#2 ploished-plated with Pd-in SB-no EP-Ag#1 in SB	11/15/04
30WRK	WK1080	2004	11	sample removed, weighed, returned to SB-no EP	11/16/04
30WRK	WK1081	2004	11	PdGFTP#2 in SB-cell shorted-replaired	11/17/04
30WRK	WK1082	2004	11	Ag#1 polished-plated with Pd	11/18/04
30WRK	WK1083	2004	11	removed-no EP-Ag(11/18/4) in cell	11/20/04
30WRK	WK1084	2004	11	sample removed, weighed, returned to SB	11/25/04
30WRK	WK1085	2004	11	Ptdot3 po;ished-plated with Pd-in SB	11/26/04
30WRK	WK1086	2004	11	plexiglsss connector failed-new electrolyte	11/27/04
30WRK	WK1087	2004	11	off-no EP	11/30/04
30WRK	WK1088	2004	12	Ptdot5 polished-plated using Pd anode	12/1/04
30WRK	WK1089	2004	12	in SB	12/5/04
30WRK	WK1090	2004	12	sample removed, weighed, returned to SB	12/7/04
30WRK	WK1091	2004	12	replated	12/8/04
30WRK	WK1092	2004	12	plating continued	12/9/04
30WRK	WK1093	2004	12	in SB	12/11/04
30WRK	WK1094	2004	12	sample removed, weighed, returned to SB-no EP	12/14/04
30WRK	WK1095	2004	12	water added-PtDot6 plated-in SB	12/15/04
30WRK	WK1096	2004	12	sample removed	12/16/04
30WRK	WK1097	2004	12	Ptdot7 plated	12/17/04
30WRK	WK1098	2004	12	removed-flame cleaned	12/20/04
30WRK	WK1099	2004	12	Ptdot6 plated and plating studied	12/22/04
30WRK	WK1100	2004	12	Ptdot1 polished-plated	12/30/04
30WRK	WK1101	2005	1	power off-data lost	1/1/05

30WRK	WK1102	2005	1	sample removed- SB repaired-Ptdot1 in	1/2/05
30WRK	WK1103	2005	1	CaCl2 added	1/4/05
30WRK	WK1104	2005	1	sample removed, weighed, - Ptdot6 in SB	1/5/05
30WRK	WK1105	2005	1	sample removed-no EP	1/6/05
30WRK	WK1106	2005	1	Ptdot1 in SB	1/7/05
30WRK	WK1107	2005	1	Pd evaporator finished	1/26/05
30WRK	WK1108	2005	1	new electrolyte-Ptdot1 in SB	1/27/05
30WRK	WK1109	2005	1	no EP	1/29/05
30WRK	WK1110	2005	1	recalibrated	1/30/05
30WRK	WK1111	2005	2	Ag polished-plated-in SB	2/1/05
30WRK	WK1112	2005	2	Ag removed-no EP	2/2/05
30WRK	WK1113	2005	2	Pd plated on Cu-in SB- no EP	2/4/05
30WRK	WK1114	2005	2	Pd on Cu in cell, Pd(NO3)2 added to electrolyte	2/6/05
30WRK	WK1115	2005	2	sample removed-no EP	2/8/05
30WRK	WK1116	2005	2	Pd on Pt#1 in SB with PdCl2 added	2/9/05
30WRK	WK1117	2005	2	sample removed, weighed, returned to SB	2/11/05
30WRK	WK1118	2005	2	calibrated	2/12/05
30WRK	WK1119	2005	2	sample removed, weighed, returned to SB	2/13/05
30WRK	WK1120	2005	2	calibrated	2/14/05
30WRK	WK1121	2005	2	Pd on Ag#2 in SB	2/15/05
30WRK	WK1122	2005	2	calibrated	2/17/05
30WRK	WK1123	2005	2	sample removed- Pd on Pt#3 in SB	2/18/05
30WRK	WK1124	2005	2	sample removed, weighed, returned to SB	2/19/05
30WRK	WK1125	2005	2	sample removed, weighed, returned to SB	2/20/05
30WRK	WK1126	2005	2	removed	2/22/05
30WRK	WK1127	2005	2	Pd on Ag#4-aqua dag applied-Pd vaporozed on surface	2/24/05
30WRK	WK1128	2005	2	in SB	2/25/05
30WRK	WK1129	2005	2	sample removed, weighed, returned to SB-new electrolyte	2/27/05
30WRK	WK1130	2005	3	removed	3/2/05
30WRK	WK1131	2005	3	Pt-S#1 in SB-new electrolyte	3/3/05
30WRK	WK1132	2005	3	sample removed, weighed, returned to SB	3/4/05
30WRK	WK1133	2005	3	removed-no EP-Pt3/14/4 in SB	3/5/05
30WRK	WK1134	2005	3	removed- no EP- Ptdot3 in SB	3/7/05
30WRK	WK1135	2005	3	removed- no EP- Pt 3/6/5 in SB	3/8/05
30WRK	WK1136	2005	3	plating solutions made	3/10/05
30WRK	WK1137	2005	3	removed - no EP- Pt3/7/5+B+Pd in SB	3/11/05

30WRK	WK1138	2005	3	removed - no EP- Cu#4 in SB	3/12/05
30WRK	WK1139	2005	3	removed- no EP- Ag6 in SB	3/16/05
30WRK	WK1140	2005	3	Ptdot 1 plated	3/17/05
30WRK	WK1141	2005	3	removed- no EP- Ptdot 1 in SB	3/19/05
30WRK	WK1142	2005	3	Pd1.2%Li rolled and cleaned	3/20/05
30WRK	WK1143	2005	3	removed - no EP- Ag7 in SB	3/21/05
30WRK	WK1144	2005	3	Ag8 prepared	3/22/05
30WRK	WK1145	2005	3	Ag7 removed- no EP- PdLi in SB	3/23/05
30WRK	WK1146	2005	3	PdLi removed- plated-annealed	3/28/05
30WRK	WK1147	2005	3	Pd-Li removed- Ag8 in SB	3/30/05
30WRK	WK1148	2005	3	Ag8 distroyed-removed	3/31/05
30WRK	WK1149	2005	4	anode replaced-new electrolyte-Pt(3/6/5) in SB	4/1/05
30WRK	WK1150	2005	4	Pt(4/2/5) polished+flame - in SB	4/2/05
30WRK	WK1151	2005	4	Pt(3/6/5) in SB	4/3/05
30WRK	WK1152	2005	4	removed- no EP	4/4/05
30WRK	WK1153	2005	4	Cu plating study started	4/9/05
30WRK	WK1154	2005	4	Cu#8 in SB	4/28/05
30WRK	WK1155	2005	5	removed from SB- noEP- plating solution added- sample returned	5/1/05
30WRK	WK1156	2005	5	removed from SB-no EP-replated in SB	5/2/05
30WRK	WK1157	2005	5	removed - no EO- replated- returned	5/3/05
30WRK	WK1158	2005	5	removed- no EP- Cu#9 plated- in SB	5/4/05
30WRK	WK1159	2005	5	removed - no EP- Cu#10 in SB	5/7/05
30WRK	WK1160	2005	5	removed - no EP-	5/9/05
30WRK	WK1161	2005	5	calibrated	5/10/05
30WRK	WK1162	2005	5	Cu#12 plated	5/11/05
30WRK	WK1163	2005	5	Cu#10 removed-no EP- new electrolyte-Pd(5/9/5) in SB	5/13/05
30WRK	WK1164	2005	5	SB cell opened and replaired	5/14/05
30WRK	WK1165	2005	5	plating study continued	5/15/05
30WRK	WK1166	2005	5	Pd(5/9/5) removed from SB- new electrolyte-cell modified to add solution	5/16/05
30WRK	WK1167	2005	5	plating continued	5/17/05
30WRK	WK1168	2005	5	electrolyte replaced-Pd 3N GFTP(5/9/5) in SB	5/18/05
30WRK	WK1169	2005	5	calibrated- Pd(5/16/5) in SB	5/19/05
30WRK	WK1170	2005	5	removed- no EP- Pd(5/17/5) in SB	5/21/05
30WRK	WK1171	2005	5	calibrated	5/26/05
30WRK	WK1172	2005	5	removed - no EP- returned to SB- calibrated	5/27/05

30WRK	WK1173	2005	5	removed-Pd(5/21/5) coated with Ag-in SB	5/30/05
30WRK	WK1174	2005	5	removed- new electrolyte-IMRA #94 in SB, shorted	5/31/05
30WRK	WK1175	2005	6	cell repaired- IMRA #93 cut to length	6/2/05
30WRK	WK1176	2005	6	SrCO3+D2SO4+D2O electrolyte-calibrated	6/3/05
30WRK	WK1177	2005	6	IMRA#93 removed	6/4/05
30WRK	WK1178	2005	6	Pd(5/21/5) in SB	6/5/05
30WRK	WK1179	2005	6	removed and examined- returned	6/6/05
30WRK	WK1180	2005	6	removed-no EP- Pd(5/30/5) returned to SB	6/7/05
30WRK	WK1181	2005	6	removed- no EP- Pd(5/17/5) in SB	6/8/05
30WRK	WK1182	2005	6	removed- no EP	6/9/05
30WRK	WK1183	2005	6	plating study continued	6/10/05
30WRK	WK1184	2005	6	Pd(6/12/5) in SB- electrolyte NaCl+LiD+PS#9-calibrated	6/18/05
30WRK	WK1185	2005	6	recombiner stopped working-Pd(6-12-5)- Na2O2+D2O+PS#9-calibrated	6/19/05
30WRK	WK1186	2005	6	plating study continued	6/20/05
30WRK	WK1187	2005	6	plating study continued	6/22/05
30WRK	WK1188	2005	6	plating study continued	6/23/05
30WRK	WK1189	2005	6	Pd(6/25/5) removed - no EP	6/25/05
30WRK	WK1190	2005	6	plating study continued	6/26/05
30WRK	WK1191	2005	6	Pd(6/8/5) in SB- new electrolyte	6/27/05
30WRK	WK1192	2005	6	plating study continued	6/28/05
30WRK	WK1193	2005	6	plating study continued	6/29/05
30WRK	WK1194	2005	6	plating study continued	6/30/05
30WRK	WK1195	2005	7	plating study continued	7/1/05
30WRK	WK1196	2005	7	plating study continued	7/2/05
30WRK	WK1197	2005	7	Pd(6/8/5) removed- no EP-Pd(6/30/5 in SB	7/3/05
30WRK	WK1198	2005	7	removed - no EP	7/4/05
30WRK	WK1199	2005	7	Pd(7/5/5) in SB	7/6/05
30WRK	WK1200	2005	7	removed-no EP	7/7/05
30WRK	WK1201	2005	7	plating study continued	7/8/05
30WRK	WK1202	2005	7	Pd(7/8/5) in SB	7/9/05
30WRK	WK1203	2005	7	anode changed from Pd to Pt	7/10/05
30WRK	WK1204	2005	7	Pd(7/8/5) removed- no EP - Pd(7/9/5) in SB	7/11/05
30WRK	WK1205	2005	7	removed - no EP loaded to 0.85	7/12/05
30WRK	WK1206	2005	7	Pd(7/9/5) removed- no EP -Pd(7/8/5) in SB	7/13/05
30WRK	WK1207	2005	7	Pd(7/8/5) rempved -no EP loaded to 0.78-Pd(7/15/5) in SB	7/15/05

30WRK	WK1208	2005	7	removed - loaded to 0.83- Pd(7/16/5) in SB	7/16/05
30WRK	WK1209	2005	7	removed- loaded to 0.81 - Pd(7/17/5) in SB	7/17/05
30WRK	WK1210	2005	7	removed-shorted- Pd(7/17/5) in SB	7/18/05
30WRK	WK1211	2005	7	Pd(7/17/5) removed-deloaded-returned	7/19/05
30WRK	WK1212	2005	7	removed-D/Pd=0.80-cell cleaned- new electrolyte-calibrated	7/20/05
30WRK	WK1213	2005	7	Pd(7/17/5) removed-D/Pd=0.81-replated -in SB	7/22/05
30WRK	WK1214	2005	7	removed	7/23/05
30WRK	WK1215	2005	7	Pd-Al(7/22/5) in SB- removed D/Pd-0.71- no EP-Pd(7/17/5) in SB	7/24/05
30WRK	WK1216	2005	7	sample shorted	7/25/05
30WRK	WK1217	2005	7	removed-D/Pd=0.86-plating study continued-Pd-Al(7/23/5) in SB	7/26/05
30WRK	WK1218	2005	7	removed-D/Pd=0.82-plated with Cu-returned to SB	7/29/05
30WRK	WK1219	2005	7	new cathode design	7/30/05
30WRK	WK1220	2005	8	removed-plated with Cu-in SB	8/1/05
30WRK	WK1221	2005	8	removed-new electrolyte-thermistor failed	8/2/05
30WRK	WK1222	2005	8	Pd-Al(8/1/5) in SB-calibrate	8/12/05
30WRK	WK1223	2005	8	Pd-Al(8/2/5) in SB	8/14/05
30WRK	WK1224	2005	8	removed- No EP	8/15/05
30WRK	WK1225	2005	8	Pd-Al(8/1/5) in SB	8/16/05
30WRK	WK1226	2005	8	removed-No EP - IMRA#80A in SB	8/17/05
30WRK	WK1227	2005	8	deloaded- D/Pd=0.83	8/19/05
30WRK	WK1228	2005	8	Pd-Al+Au removed- IMRA#80A in SB	8/20/05
30WRK	WK1229	2005	8	removed-no EP-D/Pd=0.86-deloaded at 150°-in SB	8/21/05
30WRK	WK1230	2005	8	removed-no EP-D/Pd=0.89-deloaded in vac-calibrated	8/24/05
30WRK	WK1231	2005	8	Pt removed-IMRA#80#2 in SB	8/25/05
30WRK	WK1232	2005	8	removed-D/Pd=0.77-Pt on surface-IMRA#80B in SB-1sec-10 sec off	8/30/05
30WRK	WK1233	2005	8	D/Pd=0.76	8/31/05
30WRK	WK1234	2005	9	IMRA#80A in SB-pulse loaded	9/1/05
30WRK	WK1235	2005	9	removed-D/Pd=0.74-IMRA#80A in SB	9/2/05
30WRK	WK1236	2005	9	removed-D/Pd=0.73-IMRA#80B plated with Au-deloaded-in SB	9/3/05
30WRK	WK1237	2005	9	IMRA#80A removed-D/Pd=0.81	9/4/05
30WRK	WK1238	2005	9	covered by parallel cracks-IMRA#79A in SB	9/6/05
30WRK	WK1239	2005	9	removed-D/Pd=0.90- melted - IMRA#79B in SB	9/7/05
30WRK	WK1240	2005	9	current increased	9/8/05
30WRK	WK1241	2005	9	current increased	9/9/05
30WRK	WK1242	2005	9	removed-D/Pd=0.75 -Pd-Ag#3A in SB	9/10/05
30WRK	WK1243	2005	9	removed- calibrated wirth Pt	9/13/05

30WRK	WK1244	2005	9	SB resealed-calibrated	9/14/05
30WRK	WK1245	2005	9	calibrated	9/14/05
30WRK	WK1246	2005	9	Pt removed-cell cleaned-IMRA#77B in SB	9/15/05
30WRK	WK1247	2005	9	removed- D/Pd=0.79- calibrated	9/16/05
30WRK	WK1248	2005	9	new electrolyte-IMRA#77A in SB	9/17/05
30WRK	WK1249	2005	9	removed-D/Pd=0.77-plated with Au-in SB	9/19/05
30WRK	WK1250	2005	9	removed-D/Pd=0.76-IMRA#63A in SB	9/20/05
30WRK	WK1251	2005	9	removed-IMRA#63B in SB	9/21/05
30WRK	WK1252	2005	9	Cu cleaned and plated with PS#6	9/29/05
30WRK	WK1253	2005	9	Cu cleaned and plated with Pd-in SB#2	9/30/05
30WRK	WK1254	2005	9	removed-D/Pd=0.73	9/30/05
30WRK	WK1255	2005	10	IMRA#80 B in SB-laser instulled	10/1/05
30WRK	WK1256	2005	10	removed-replated	10/2/05
30WRK	WK1257	2005	10	remopved-no EP-plated with PS#11	10/3/05
30WRK	WK1258	2005	10	OCV relay stopped woking- OPA instulled with power supply	10/3/05
30WRK	WK1259	2005	10	removed-IMRA#77A plated wiuth Au-in SB	10/4/05
30WRK	WK1260	2005	10	sample removed- replated-in SB#2	10/5/05
30WRK	WK1261	2005	10	removed-no EP- slow cool from 850° copper colored-new electrolyte	10/6/05
30WRK	WK1262	2005	10	removed-dark brown	10/7/05
30WRK	WK1263	2005	10	Cu#3 in SB	10/7/05
30WRK	WK1264	2005	10	removed and weighed-Ni#1 in cell-Ag plated with Pd	10/8/05
30WRK	WK1265	2005	10	Ag+Pd removed-coated with loose black deposit	10/9/05
30WRK	WK1266	2005	10	removed- no EP	10/9/05
30WRK	WK1267	2005	10	Pd-W#3 annealed-new electrolyte	10/10/05
30WRK	WK1268	2005	10	Cell #1 redesigned-Pt plated using PS#11-cooling reduced to 6°	10/16/05
30WRK	WK1269	2005	10	Pt plated with PS#6-in SB	10/16/05
30WRK	WK1270	2005	10	Pd-Ag#3 in SB	10/19/05
30WRK	WK1271	2005	10	Pd-Pt(10/19/5) in SB-thermistors calibrated-new electrolyte	10/22/05
30WRK	WK1272	2005	10	samples made by plating Pt	10/22/05
30WRK	WK1273	2005	10	Pt(10/19/5)A removed from SB	10/26/05
30WRK	WK1274	2005	10	Pt+Pd(10/19/5) replated-in SB	10/27/05
30WRK	WK1275	2005	10	in SB -calibrated	10/27/05
30WRK	WK1276	2005	10	removed-no EP-Pd-Ca(10/31/5) in SB	10/31/05
30WRK	WK1277	2005	11	removed-D/Pd=0.14-Pt-Pd(10/19/5) in SB	11/2/05
30WRK	WK1278	2005	11	removed-no EP- IMRA#60A in SB	11/3/05
30WRK	WK1279	2005	11	removed- thin foil containing Si removed	11/4/05

30WRK	WK1280	2005	11	heated to 400° in air-in SB	11/5/05
30WRK	WK1281	2005	11	removed-D/Pd=0.89- IMRA#60B in SB	11/6/05
30WRK	WK1282	2005	11	Optical microscope calibrated-IMRA #60 rolled to give 3 samples	11/7/05
30WRK	WK1283	2005	11	removed-no EP-no loading-surface flaked off-new electrolyte	11/7/05
30WRK	WK1284	2005	11	removed-samples prepared	11/10/05
30WRK	WK1285	2005	11	Pt-Pd(10-14-5)A in SB	11/10/05
30WRK	WK1286	2005	11	Pt-Pd(10/19/5)B removed from SM	11/14/05
30WRK	WK1287	2005	11	OCV modified to take data every 500 msec	11/15/05
30WRK	WK1288	2005	11	removed-Pd-Li heated in flame- in SB	11/15/05
30WRK	WK1289	2005	11	removed-no EP-returned	11/16/05
30WRK	WK1290	2005	11	OCV delay changed to 4 msec	11/17/05
30WRK	WK1291	2005	11	OCV vs time program modified- Pt-Pd(10/19/5)A left in cell	11/18/05
30WRK	WK1292	2005	11	removed-no EP-Pd-B0.75% in SB	11/19/05
30WRK	WK1293	2005	11	removed-D/Pd=0.58	11/24/05
30WRK	WK1294	2005	12	sample loaded overnight	12/3/05
30WRK	WK1295	2005	12	sample deloaded-Cu color with Cu on surface-plated with Pd	12/4/05
30WRK	WK1296	2005	12	glass lead to anode broken-repaired	12/5/05
30WRK	WK1297	2005	12	IMRA#60B polished-plated with Pd-heated in vac- in SB	12/8/05
30WRK	WK1298	2005	12	IMRA#60B in SB	12/9/05
30WRK	WK1299	2005	12	removed from SB, weighted and returned	12/11/05
30WRK	WK1300	2005	12	removed-D/Pd=0.76-plated with Pd-returned-calibrated	12/11/05
30WRK	WK1301	2005	12	removed, plated with Pd-in SB	12/14/05
30WRK	WK1302	2005	12	removed-no EP-Pd-B0.25% in SB-boiled dry-new electrolyte	12/15/05
30WRK	WK1303	2005	12	removed-cleaned in AR- returned to SB-OCV measured-plated with Pd	12/17/05
30WRK	WK1304	2005	12	IMRA#60A in SB	12/17/05
30WRK	WK1305	2005	12	removed and replated with Pd-returned to SB	12/18/05
30WRK	WK1306	2005	12	removed, plated with Pd-in SB	12/19/05
30WRK	WK1307	2005	12	removed-cleaned in AR- returned to SB-OCV measured-plated with Pd	12/20/05
30WRK	WK1308	2005	12	IMRA#19 riolled into three pieces	12/22/05
30WRK	WK1309	2005	12	IMRA#16 rolled into 3 pieces-plated with Pt-in SB	12/22/05
30WRK	WK1310	2005	12	new electrolyte-IMRA#16A plated with Pt-in SB	12/31/05
30WRK	WK1311	2006	1	removed-D/Pd=0.83-IMRA#16B in SB	1/3/06
30WRK	WK1312	2006	1	new electrolyte	1/4/06
30WRK	WK1313	2006	1	Pd tube in SB	1/6/06

30WRK	WK1314	2006	1	removed-no EP-IMRA#16A in SB	1/6/06
30WRK	WK1315	2006	1	cell exploded-reassembled	1/7/06
30WRK	WK1316	2006	1	removed- PdD0.72--plated with Pd on one end- Pt on other	1/8/06
30WRK	WK1317	2006	1	IMRA#9 in SB	1/9/06
30WRK	WK1318	2006	1	IMRA#16A removed-replaced by Pd tube	1/9/06
30WRK	WK1319	2006	1	removed- PdD=0.76	1/11/06
30WRK	WK1320	2006	1	removed-PdD0.78-random cracks	1/11/06
30WRK	WK1321	2006	1	removed-sheet rolled into cylinder	1/11/06
30WRK	WK1322	2006	1	pressed powders as cathode in SB- PdD0.76-large cracks	1/12/06
30WRK	WK1323	2006	1	removed	1/16/06
30WRK	WK1324	2006	1	removed-cell modified-new electrolyte-Pt calibration	1/20/06
30WRK	WK1325	2006	1	calibrated using D2O+H2SO4- Pt cathode-voltage reg used to activate relay	1/21/06
30WRK	WK1326	2006	1	IMRA#77B plated with Ag-heated at 1000°	1/26/06
30WRK	WK1327	2006	1	in SB	1/27/06
30WRK	WK1328	2006	1	removed-IMRA#6 cylinder	1/27/06
30WRK	WK1329	2006	1	IMRA#6 annealed @1000°-rolled into foil- made into cyclinder	1/28/06
30WRK	WK1330	2006	1	on-off loading	1/30/06
30WRK	WK1331	2006	1	removed-Pd(200)foil in holder	1/31/06
30WRK	WK1332	2006	2	removed-deloaded-returmed	2/2/06
30WRK	WK1333	2006	2	removed-Pd(200)#2	2/3/06
30WRK	WK1334	2006	2	Pd(200)#1 heated in air @400°-black-green color	2/14/06
30WRK	WK1335	2006	2	removed-D/Pd=0.85-Pd(200)#1	2/15/06
30WRK	WK1336	2006	2	Pd(200)#2 heated at 450°-no color change-heated 400°-no color change	2/16/06
30WRK	WK1337	2006	2	removed-D/Pd=0.74	2/16/06
30WRK	WK1338	2006	2	Pd(200)#3 cleaned in AR-plated with Pd-325° in vac-	2/17/06
30WRK	WK1339	2006	2	Pd(200)#3	2/17/06
30WRK	WK1340	2006	2	in SB-plated with PS#11	2/19/06
30WRK	WK1341	2006	2	IMRA#6-loaded and deloaded	2/19/06
30WRK	WK1342	2006	2	removed-D/Pd=0.77-Pd(200)#2	2/19/06
30WRK	WK1343	2006	2	Pd(200)#1-plated with Pt+NaBH4	2/20/06
30WRK	WK1344	2006	2	removed-D/Pd=0.78-Pd(200)#3	2/20/06
30WRK	WK1345	2006	2	removed-D/Pd=0.85-Pd(200)#1 plated	2/21/06
30WRK	WK1346	2006	2	PdRh0.1# rooled	2/24/06
30WRK	WK1347	2006	2	removed-PdRh0.1% in SB	2/24/06

30WRK	WK1348	2006	3	removed-deloaded	3/2/06
30WRK	WK1349	2006	3	X-ray film holder in-oil density=0.87g/ml-IMRA#60 rolled-H2O+Li2SO4	3/4/06
30WRK	WK1350	2006	3	removed-anode attacked-	3/8/06
30WRK	WK1351	2006	3	IMRA#60 rolled-H2O+Li	3/9/06
30WRK	WK1352	2006	3	IMRA#60-rolled with diamond paste-SB-D2SO4 electrolyte	3/10/06
30WRK	WK1353	2006	3	removed	3/12/06
30WRK	WK1354	2006	3	IWRA#60 rolled with graphite-	3/12/06
30WRK	WK1355	2006	3	x-ray developed	3/15/06
30WRK	WK1356	2006	3	new X-ray film	3/16/06
30WRK	WK1357	2006	3	new holder made	3/18/06
30WRK	WK1358	2006	3	Ti cathode in SB-IMRA#60#5 rolled with graphite	3/19/06
30WRK	WK1359	2006	3	electrolyte changed	3/19/06
30WRK	WK1360	2006	3	IMRA#60#3+2 xray films	3/22/06
30WRK	WK1361	2006	3	IMRA#60 in cell	3/31/06
30WRK	WK1362	2006	4	removed-holder broke	4/1/06
30WRK	WK1363	2006	4	IMRA#15 rolled with C-in new plastic holder-H2O+Li	4/6/06
30WRK	WK1364	2006	4	in SB	4/17/06
30WRK	WK1365	2006	4	heated in air-rolled flat	4/18/06
30WRK	WK1366	2006	4	holder broke-IMRA#15 rolled with C-H2O+KOH	4/20/06
30WRK	WK1367	2006	4	removed-H/Pd=0.82-new electrolyte, D2O+LiOD	4/22/06
30WRK	WK1368	2006	4	removed-D/Pd=0.65-rolled-in SB	4/23/06
30WRK	WK1369	2006	4	removed-D/Pd=0.72-deloaded in air	4/24/06
30WRK	WK1370	2006	4	calibrated	4/25/06
30WRK	WK1371	2006	4	removed-D/Pd=0.87-deloaded in air	4/26/06
30WRK	WK1372	2006	4	Pd foil plated with Pd-in SB	4/28/06
30WRK	WK1373	2006	4	removed-D/Pd=0.90-returned	4/29/06
30WRK	WK1374	2006	4	Pd foil#2 deloaded-in SB	4/30/06
30WRK	WK1375	2006	5	removed-D./Pd=0.77-Pd foil#3 in SB	5/1/06
30WRK	WK1376	2006	5	removed-D/Pd=0.73-returned to SB	5/3/06
30WRK	WK1377	2006	5	removed-D/Pd=0.63-new electrolyte	5/5/06
30WRK	WK1378	2006	5	shape of Pd cathode changed	5/7/06
30WRK	WK1379	2006	5	in SB	5/8/06
30WRK	WK1380	2006	5	removed-D/Pd=0.96- sudden reduction of OCV seen	5/9/06
30WRK	WK1381	2006	5	IMRA#94 heated to 1000-rolled-sand blasted	5/10/06
30WRK	WK1382	2006	5	IMRA#94A in SB	5/13/06

30WRK	WK1383	2006	5	removed-D/Pd=0.83	5/16/06
30WRK	WK1384	2006	5	magnet in with IMRA#94A	5/19/06
30WRK	WK1385	2006	5	removed-D/Pd=0.89-IMRA#94A with H2O+CaCl2	5/20/06
30WRK	WK1386	2006	5	in SB	5/22/06
30WRK	WK1387	2006	6	terminated study	6/8/06
30WRK	WK1388	2006	9	Pd+xeolyte pressed into pellet	9/12/06
30WRK	WK1389	2006	9	pellet heated at 400°-in SB	9/13/06
30WRK	WK1390	2006	9	Pd+CaCl2 pellet heated at 900° in H2	9/14/06
30WRK	WK1391	2006	9	removed-deloaded	9/16/06
30WRK	WK1392	2006	9	in SB	9/16/06
30WRK	WK1393	2006	9	Pd+CaO pellet made-in SB	9/17/06
30WRK	WK1394	2006	9	removed-deloaded	9/18/06
30WRK	WK1395	2006	9	new electrolyte- large crack in pellet	9/21/06
30WRK	WK1396	2006	9	computer failed-moved to SB#2	9/23/06
30WRK	WK1397	2006	9	Pd+KOH pellet made	9/25/06
30WRK	WK1398	2006	9	removed-no EP	9/28/06
30WRK	WK1399	2006	9	placed in SB	9/28/06
30WRK	WK1400	2006	9	in SB	9/29/06
30WRK	WK1401	2006	10	drop of Cu plating sol added	10/1/06
30WRK	WK1402	2006	10	removed- crack formed	10/2/06
30WRK	WK1403	2006	10	copper colored	10/2/06
30WRK	WK1404	2006	10	Pd+SrCl2 pellet made-in SB	10/3/06
30WRK	WK1405	2006	10	removed-no EP	10/6/06
30WRK	WK1406	2006	10	cell broke-Pd+Zr sheet rolled together	10/6/06
30WRK	WK1407	2006	10	in SB	10/7/06
30WRK	WK1408	2006	10	removed- D/Pd=1.03-deloaded-returned-calibrated	10/8/06
30WRK	WK1409	2006	10	sample separated-no EP-new Zr+Pd sheet-in SB	10/10/06
30WRK	WK1410	2006	10	removed-no EP-Pd black pressed on Cu	10/13/06
30WRK	WK1411	2006	10	removed- no EP	10/15/06
30WRK	WK1412	2006	11	IMRA#60 rolled and cut-sand blasted-Zr vaporized on one side-in SB	11/2/06
30WRK	WK1413	2006	11	shorted-repaired	11/4/06
30WRK	WK1414	2006	11	Pd+W+Zr plated with Zr	11/4/06
30WRK	WK1415	2006	11	current on-off mode	11/6/06
30WRK	WK1416	2006	11	in SB	11/6/06
30WRK	WK1417	2006	11	rtemoved-deloaded	11/7/06
30WRK	WK1418	2006	11	removed-D/Pd=0.73-in SB with film	11/8/06

30WRK	WK1419	2006	11	removed-film blank	11/10/06
30WRK	WK1420	2006	11	Pt mesh plated with Pd-in SB	11/10/06
30WRK	WK1421	2006	11	Pt plated with Pd-in SB	11/11/06
30WRK	WK1422	2006	11	removed	11/14/06
30WRK	WK1423	2006	11	removed-replated-in SB	11/17/06
30WRK	WK1424	2006	11	off	11/18/06
30WRK	WK1425	2006	11	removed-replaced by clean Pt	11/19/06
30WRK	WK1426	2006	11	removed-Pd#2 plated with Pd-in SB	11/21/06
30WRK	WK1427	2006	11	removed-replated-in SB	11/22/06
30WRK	WK1428	2006	11	removed-Pd#4 plated-in SB	11/24/06
30WRK	WK1429	2006	11	plating sol added to electrolyte	11/25/06
30WRK	WK1430	2006	11	removed	11/27/06
30WRK	WK1431	2006	12	removed-no EP- cit to new size	12/19/06
30WRK	WK1432	2006	12	magnet plated with Pd-in SB	12/25/06
30WRK	WK1433	2006	12	removed-plate washed off	12/27/06
30WRK	WK1434	2006	12	Pd-B).75% in SB	12/27/06
30WRK	WK1435	2006	12	removed-D/Pd=0.49-returned to SB	12/28/06
30WRK	WK1436	2007	1	new CT bath	1/5/07
30WRK	WK1437	2007	1	removed-D/Pd=0.54	1/6/07
30WRK	WK1438	2007	1	Cu cleaned-plated with Pd	1/11/07
30WRK	WK1439	2007	1	cell broke-new electrolyte	1/16/07
30WRK	WK1440	2007	1	removed-returned	1/18/07
30WRK	WK1441	2007	1	removed-returned	1/20/07
30WRK	WK1442	2007	1	removed-returned	1/22/07
30WRK	WK1443	2007	1	removed-returned	1/25/07
30WRK	WK1444	2007	1	deloaded in SB-PdB#2 in SB	1/28/07
30WRK	WK1445	2007	1	removed-returned	1/31/07
30WRK	WK1446	2007	2	removed-deloaded-returned	2/5/07
30WRK	WK1447	2007	2	removed-deloaded-returned	2/9/07
30WRK	WK1448	2007	2	cell cleaned-new electrolyte	2/12/07
30WRK	WK1449	2007	2	Pd melted with Li2O-rolled-in SB-PdD0.77-blisters	2/12/07
30WRK	WK1450	2007	2	calibrated-Pd BNRL#1b in SB	2/17/07
30WRK	WK1451	2007	2	removed-PdD0.72	2/24/07
30WRK	WK1452	2007	3	Mel Miles sample-lead attached-SB	3/19/07
30WRK	WK1453	2007	4	box around SB- Pd-B samples cleaned	4/1/07
30WRK	WK1454	2007	4	in SB after calibration	4/2/07

30WRK	WK1455	2007	4	square wave applied	4/6/07
30WRK	WK1456	2007	4	removed-PdD0.58	4/9/07
30WRK	WK1457	2007	5	Ta coated with Pd- brittle-poor loading	5/5/07
30WRK	WK1458	2007	5	new electrolyte-Zr#1 in SB-BN coated with Cu-SB	5/8/07
30WRK	WK1459	2007	5	Cu rolled with Al2O3, plated witgh Pd-	5/8/07
30WRK	WK1460	2007	5	Zr#1-flame oxidized, Cu plated-Cu sputtered with Al2O3-SB	5/9/07
30WRK	WK1461	2007	5	Cu coated with Al2O3-SB	5/12/07
30WRK	WK1462	2007	5	removed	5/15/07
30WRK	WK1463	2007	8	Pt coated with Pd,Cu,Pd-SM	8/7/07
30WRK	WK1464	2007	8	Pt cathode plated with Pd in SB	8/20/07
30WRK	WK1465	2008	1	start of journal #7 - gas discharge using D2, H2, H2O, or D2O	1/1/08
30WRK	WK1466	2008	1	Cu sputter coated with Pd, used as cathode	1/5/08
30WRK	WK1467	2008	1	Li2SO4+D2O-Cu coated with Pd-SB	1/5/08
30WRK	WK1468	2008	1	deloaded. D/Pd=0.52	1/6/08
30WRK	WK1469	2008	1	Oil density =0.936 g/ml	1/8/08
30WRK	WK1470	2008	1	calibrated with Pt	1/12/08
30WRK	WK1471	2008	1	Cu sputtered with Pd-SB	1/17/08
30WRK	WK1472	2008	1	Cu sputtered with Pd-SB	1/22/08
30WRK	WK1473	2008	1	D2O+D2	1/27/08
30WRK	WK1474	2008	1	Gas discharge started	1/27/08
30WRK	WK1475	2008	2	Si barrier detector calibrated	2/2/08
30WRK	WK1476	2008	2	shroud cleaned, radiation measured, Al2O3 shroud	2/3/08
30WRK	WK1477	2008	2	Gain changed, Po used to calibrate, D2+D2O used to measure voltage effect	2/4/08
30WRK	WK1478	2008	2	use of D2+H2O studied	2/5/08
30WRK	WK1479	2008	2	use of H2O+H2 studied	2/6/08
30WRK	WK1480	2008	2	use of D2O+D2 studied	2/7/08
30WRK	WK1481	2008	2	anode cleaned-new glass cover, D2O+D2 studied	2/8/08
30WRK	WK1482	2008	2	D2O+D2 studied, anode replaced by W-Th.	2/9/08
30WRK	WK1483	2008	2	H2O+H2 studied	2/10/08
30WRK	WK1484	2008	2	repeat, gas changed to D2O+D2	2/10/08
30WRK	WK1485	2008	2	anode covered by tube, shroud cleaned, D2O+D2 studied	2/11/08
30WRK	WK1486	2008	2	anode modified, D2O+D2 studied	2/12/08
30WRK	WK1487	2008	2	D2O+D2 studied anode moved closer to cathode, cable shortened	2/13/08
30WRK	WK1488	2008	2	H2O+H2 studied, shroud cleaned, air added to discharge	2/14/08
30WRK	WK1489	2008	2	D2O+D2+air studied	2/15/08

30WRK	WK1490	2008	2	D2O+D2 studied	2/16/08
30WRK	WK1491	2008	2	D2O+D2+air studied, new Al2O3 shroud	2/18/08
30WRK	WK1492	2008	2	D2O+D2+air studied	2/19/08
30WRK	WK1493	2008	2	major changes made in apparatus	2/20/08
30WRK	WK1494	2008	2	D2O+D2 studied, N2+D2 studied	2/22/08
30WRK	WK1495	2008	2	He+D2 studied, He + D2O studied	2/23/08
30WRK	WK1496	2008	2	D2O+D2 with Mo cathode	2/24/08
30WRK	WK1497	2008	2	D2O+D2 with Cu cathode	2/26/08
30WRK	WK1498	2008	2	D2O+D2 with Mo cathode and magnet	2/27/08
30WRK	WK1499	2008	2	D2O+D2- magnet removed	2/28/08
30WRK	WK1500	2008	2	D2O+D2 + Mo cathode	2/29/08
30WRK	WK1501	2008	3	D2O+D2 + Mo cathode	3/1/08
30WRK	WK1502	2008	3	light shield changed, D2O+D2+Mo cathode	3/13/08
30WRK	WK1503	2008	3	calibrated using vacuum	3/23/08
30WRK	WK1504	2008	3	H2O+D2 + Pd cathode	3/24/08
30WRK	WK1505	2008	3	H2O+D2+Cu cathode	3/26/08
30WRK	WK1506	2008	3	H2O+D2, Pd anode - end of anode filled whith mesh metal	3/27/08
30WRK	WK1507	2008	3	H2O+D2 + W cathode, new Al2O3 shroud	3/28/08
30WRK	WK1508	2008	3	H2O+D2 then D2O+D2	3/29/08
30WRK	WK1509	2008	3	H2O+D2 then H2O+D2O	3/30/08
30WRK	WK1510	2008	4	SrCl2 evaportated on W anode to lower emissivity, W cathode reversed	4/3/08
30WRK	WK1511	2008	4	D2, new W cathode and Al2O3 shroud	4/4/08
30WRK	WK1512	2008	4	D2+N2, D2O added, Pd-Pt cathode polished	4/6/08
30WRK	WK1513	2008	4	H2O. O2, anode red hot	4/7/08
30WRK	WK1514	2008	4	New BN shroud, cathode polished, anode polished	4/8/08
30WRK	WK1515	2008	4	D2, then D2O	4/9/08
30WRK	WK1516	2008	4	O2, H2O, D2O	4/10/08
30WRK	WK1517	2008	4	D2O valve fully open	4/11/08
30WRK	WK1518	2008	4	H2O+NH4OH +D2	4/12/08
30WRK	WK1519	2008	4	NH3+D2, Pd-Pt cathode polished	4/13/08
30WRK	WK1520	2008	4	CO2+H2O, D2	4/14/08
30WRK	WK1521	2008	4	D2O+D2	4/15/08
30WRK	WK1522	2008	4	CO2+H2O+D2O+D2	4/16/08
30WRK	WK1523	2008	4	D2O+D2, Labview updated	4/17/08
30WRK	WK1524	2008	5	D2O+D2	5/2/08

30WRK	WK1525	2008	5	GAS LOADING STUDY STARTED	5/13/08
30WRK	WK1526	2008	5	PdCl2 solution prepared, mixed with CaO-Pd(NO3)2 sol prepared	5/13/08
30WRK	WK1527	2008	5	system modified	5/16/08
30WRK	WK1528	2008	5	Sample #7-SiO2+Pd(NO3)2, evaporated, ground to powder	5/17/08
30WRK	WK1529	2008	5	Sample#8-SiO2+PdCl2, evaportated, ground to powder	5/17/08
30WRK	WK1530	2008	5	CaO+0.35 wt % Pd, pellet made	5/17/08
30WRK	WK1531	2008	5	CaO+PdCl2 heated in H2, cooled in D2	5/17/08
30WRK	WK1532	2008	5	G75E ignited in air at 700°	5/18/08
30WRK	WK1533	2008	5	CaO+PdCl2 heated and pressed into pellet	5/20/08
30WRK	WK1534	2008	5	a variety of samples made	5/24/08
30WRK	WK1535	2008	5	SiO2#9d in SBD, heated to 100° in vac, heated in D2,	5/28/08
30WRK	WK1536	2008	5	heated in D2, heated in vac	5/29/08
30WRK	WK1537	2008	6	SBD checked with Po210	6/2/08
30WRK	WK1538	2008	6	CeO2+TiO2#1b in SBD, heated in vac and D2	6/3/08
30WRK	WK1539	2008	6	SiO2+Pd(NO3)2 #7 heated in vac and D2	6/3/08
30WRK	WK1540	2008	6	New SBD sampplke exposed to D2	6/5/08
30WRK	WK1541	2008	6	New high vac system baked out	6/14/08
30WRK	WK1542	2008	6	CeO2#2 in cell, heated in D2	6/20/08
30WRK	WK1543	2008	6	new vacuum gauge filament	6/22/08
30WRK	WK1544	2008	6	CaO#1 heated in D2 and vacuum	6/22/08
30WRK	WK1545	2008	6	CeO2#4 backed out, heated in D2	6/24/08
30WRK	WK1546	2008	7	CeO2+Pd(NO3)2, evaportated, ground, heated in H2	7/2/08
30WRK	WK1547	2008	7	the following run-KOH,CeO2,CaO,ZrO2	7/3/08
30WRK	WK1548	2008	7	ZrO2+Pd(NO3)2, dried, grown, heated in H2 and vac	7/4/08
30WRK	WK1549	2008	7	D2 added	7/5/08
30WRK	WK1550	2008	7	ZrO2 in SBD apparatus	7/6/08
30WRK	WK1551	2008	7	Al2O3 +Pd in cell	7/6/08
30WRK	WK1552	2008	7	vacuum, heated to 150°, D2 added	7/7/08
30WRK	WK1553	2008	7	D2 added, heated iu vac	7/7/08
30WRK	WK1554	2008	7	Al2O3 with no Pd, CeO2 with no Pd studied	7/8/08
30WRK	WK1555	2008	7	ZrO2+Al+S heated in vac and D2	7/9/08
30WRK	WK1556	2008	7	CeO2+PdCl2+Al+S, vac, D2 heated	7/9/08
30WRK	WK1557	2008	7	sample turned yellow when exposed to air	7/10/08
30WRK	WK1558	2008	7	ZrO2+PdCl2, evap, heated in vac and in D2	7/10/08
30WRK	WK1559	2008	7	ZrO2+PdCl2+Al+S, vacuum at 150°	7/11/08
30WRK	WK1560	2008	7	H2 added, heated, D2 added,heated	7/12/08

30WRK	WK1561	2008	7	heated in vac and H2	7/14/08
30WRK	WK1562	2008	7	heated in H2	7/15/08
30WRK	WK1563	2008	7	heated in D2	7/16/08
30WRK	WK1564	2008	7	removed Al+S heated in vac and D2	7/18/08
30WRK	WK1565	2008	7	Pd black +Al+S,heated in vac and D2	7/19/08
30WRK	WK1566	2008	7	removed	7/20/08
30WRK	WK1567	2008	7	Pd #76515 with Al+S heated in vac and D2	7/20/08
30WRK	WK1568	2008	7	Pd weighed, D/Pd=0.56	7/21/08
30WRK	WK1569	2008	7	heated in vac	7/22/08
30WRK	WK1570	2008	7	heated in D2 and vac	7/23/08
30WRK	WK1571	2008	7	heated in vac and D2	7/25/08
30WRK	WK1572	2008	7	ZrO2+Al2O3+CeO2 mixed, heated in vac	7/26/08
30WRK	WK1573	2008	7	Al2O3+PdCl2- 1.12%Pd	7/27/08
30WRK	WK1574	2008	7	heated in D2	7/27/08
30WRK	WK1575	2008	7	heated in D2	7/28/08
30WRK	WK1576	2008	7	heated in D2	7/28/08
30WRK	WK1577	2008	7	cooled in vac	7/30/08
30WRK	WK1578	2008	7	mixed oxide in heating cell	7/31/08
30WRK	WK1579	2008	8	Ag electrodeposited in SiO2+H2O - no deposit observed	8/18/08
30WRK	WK1580	2008	8	Ag electrodeposited using ZrO2 colloid. Lots of deposit	8/18/08
30WRK	WK1581	2008	8	Pd-Al #3, heated @900° in KOH, uneven Al on surface	8/20/08
30WRK	WK1582	2008	8	F-P study-D2O+KOD, Pd sand blasted, loaded,SEM of surface	8/21/08
30WRK	WK1583	2008	8	heated @500° in KOH	8/22/08
30WRK	WK1584	2008	8	Pd+ZrO2 in SBD	8/22/08
30WRK	WK1585	2008	8	Pd dissolved to make black powder	8/23/08
30WRK	WK1586	2008	8	Pd black+ZrO2 at 500° in air, heated in D2	8/24/08
30WRK	WK1587	2008	8	Li2CO3+Pd heated to 700°, heated in D2, in P-F cell	8/25/08
30WRK	WK1588	2008	8	Zeolyte from Grace, heated in vac and D2,	8/25/08
30WRK	WK1589	2008	8	Pd in molten KOH in SBD, heated with D2	8/28/08
30WRK	WK1590	2008	8	Cathodes prepared by applying sputter coats SPd and Zr targets	8/29/08
30WRK	WK1591	2008	8	Pt cleaded and Pd and Zr applied, heated to 800° ib air	8/29/08
30WRK	WK1592	2008	8	In calorimeter using KOD electrolyte	8/30/08
30WRK	WK1593	2008	9	Pd on graphite, heated with D2, in SBD, no radiation	9/5/08
30WRK	WK1594	2008	9	Pd on CaCO3, treated ith D2, no radiation	9/6/08
30WRK	WK1595	2008	9	No radiation	9/14/08
30WRK	WK1596	2008	9	Pd cleaned in AR	9/19/08

30WRK	WK1597	2008	9	no heat when electrolyzed, unstable	9/20/08
30WRK	WK1598	2008	9	Pt cleaned in AR, plated with Pd, OCV measured,	9/20/08
30WRK	WK1599	2008	9	plated again with Pd, electrolyzed in seebeck	9/24/08
30WRK	WK1600	2008	9	sloppy arrest	9/26/08
30WRK	WK1601	2008	9	Pd black mixed with boric acid, in SBD	9/26/08
30WRK	WK1602	2008	9	D2 added, heated in vac	9/27/08
30WRK	WK1603	2008	9	Plated with Au	9/28/08
30WRK	WK1604	2008	9	IMRA #61 heated to 800°, Innseebeck, did not load well, D/Pd=0.73	9/30/08
30WRK	WK1605	2008	10	3N-GFTP-set 1.1, loaded. Deloaded, cleaned	10/3/08
30WRK	WK1606	2008	10	sample from Seebeck deloaded, cleaned, plated with Pd, cooled from 800°	10/7/08
30WRK	WK1607	2008	10	plated with Au, loaded, deloaded, heated to 800°	10/7/08
30WRK	WK1608	2008	10	cleaned, plated with Pd, heated at 800°	10/9/08
30WRK	WK1609	2008	10	loaded-deloaded D/Pd=0.66	10/10/08
30WRK	WK1610	2008	10	electrolyzed	10/12/08
30WRK	WK1611	2008	10	Letts #672 cleaned, plated with Pd, heated at 800°, plated with Au	10/12/08
30WRK	WK1612	2008	10	Stirling silver cleaned, plated with Pd, electrolyzed	10/12/08
30WRK	WK1613	2008	10	plated with Au, heated at 800°	10/13/08
30WRK	WK1614	2008	10	Sample sent to Letts	10/13/08
30WRK	WK1615	2008	10	electrolyzed in SiO2 colloid, turned black, SiO2 on surface	10/13/08
30WRK	WK1616	2008	10	plated with Au, heated to 800°	10/16/08
30WRK	WK1617	2008	10	Pt heated red hot in air, electrolyzed in H2O+Li2SO4	10/18/08
30WRK	WK1618	2008	10	Pd rolled to shape and 4 samples made	10/22/08
30WRK	WK1619	2008	10	Pd#1 loaded-deloaded, plated with Pd	10/26/08
30WRK	WK1620	2008	10	Pd#2 plated with Pd, loaded	10/27/08
30WRK	WK1621	2008	11	Pd-B0.25% loaded,	11/1/08
30WRK	WK1622	2008	11	deloaded, D/Pd=0.69	11/3/08
30WRK	WK1623	2008	11	Sample returned from Letts - black Pd,Au,Pt,Fe,Si on surface	11/5/08
30WRK	WK1624	2008	11	Letts 674 cleaned, plated with Pd, heated to 800° plated with Au	11/5/08
30WRK	WK1625	2008	11	Letts 675 cleaned, plated with Pd, plated with Au	11/6/08
30WRK	WK1626	2008	11	reloaded - surface cracks seen	11/6/08
30WRK	WK1627	2008	11	Sent to Letts	11/10/08
30WRK	WK1628	2008	11	reloaded	11/16/08
30WRK	WK1629	2008	11	deloaded in cell	11/16/08
30WRK	WK1630	2008	11	Nicrom wire plated with Pd	11/16/08
30WRK	WK1631	2008	11	in SBD	11/19/08

30WRK	WK1632	2008	11	deloaded, loaded	11/20/08
30WRK	WK1633	2008	11	heated in D2, carbon paper plarted with Pd	11/20/08
30WRK	WK1634	2008	11	Ni ribbon cleaned and plated with Pd, electrolyzed	11/22/08
30WRK	WK1635	2008	11	Pd-B deloaded	11/25/08
30WRK	WK1636	2008	11	Pd+0.25%B. electrolyzed	11/25/08
30WRK	WK1637	2008	11	mylar absorber inserted	11/25/08
30WRK	WK1638	2008	11	Po210 calibration	11/26/08
30WRK	WK1639	2008	11	60 psi D2 added	11/28/08
30WRK	WK1640	2008	11	evacuated, extra peaks seen	11/29/08
30WRK	WK1641	2008	11	cointed for 21.5 hr	11/30/08
30WRK	WK1642	2008	12	deloaded, cracked, D/Pd=0.66	12/1/08
30WRK	WK1643	2008	12	in SBD	12/1/08
30WRK	WK1644	2008	12	gainx20 counted, cell heated,	12/1/08
30WRK	WK1645	2008	12	20.7 count saved	12/2/08
30WRK	WK1646	2008	12	Pd-B 0.5% machined, lead attached, cleaned, electrolyzed	12/2/08
30WRK	WK1647	2008	12	1/2 sample overed	12/3/08
30WRK	WK1648	2008	12	other half covered	12/4/08
30WRK	WK1649	2008	12	SBD calibrated with Po210	12/4/08
30WRK	WK1650	2008	12	calibration continued	12/5/08
30WRK	WK1651	2008	12	deloaded over night, reloaded	12/7/08
30WRK	WK1652	2008	12	background taken	12/7/08
30WRK	WK1653	2008	12	deloaded, long crack visible	12/8/08
30WRK	WK1654	2008	12	background taken	12/8/08
30WRK	WK1655	2008	12	Pd wire rolled flat, heated in gas flame, in PF cell	12/8/08
30WRK	WK1656	2008	12	computer crashed	12/9/08
30WRK	WK1657	2008	12	background taken	12/10/08
30WRK	WK1658	2008	12	plated with Au, in P-F cell	12/13/08
30WRK	WK1659	2008	12	CR39 placed near active sample	12/14/08
30WRK	WK1660	2008	12	small peak at 4697 and 6821, intensity reduced using absorbers	12/16/08
30WRK	WK1661	2008	12	NaOH+Pd black with Cu, heat in vac and D2	12/17/08
30WRK	WK1662	2008	12	calibrated wit Po	12/19/08
30WRK	WK1663	2008	12	calibrated wit Po	12/20/08
30WRK	WK1664	2008	12	Pd-B 0.75% loaded tp 0.62	12/25/08
30WRK	WK1665	2008	12	Zorlite (John Ruelesill) +Pd. Heated in vac	12/26/08
30WRK	WK1666	2008	12	heated in D2 and vac	12/27/08
30WRK	WK1667	2008	12	Heated in H2	12/28/08

30WRK	WK1668	2008	12	run at 0.05A	12/28/08
30WRK	WK1669	2008	12	thoriated W rod checked for radiation	12/29/08
30WRK	WK1670	2009	1	6 port vacuum apparartus calibrated	1/1/09
30WRK	WK1671	2009	1	strainless steel sputtered with Pd, placed on hot stange in front of SBD,	1/4/09
30WRK	WK1672	2009	1	D2 added	1/4/09
30WRK	WK1673	2009	1	Pd flaked off. Plated using PdCl2	1/5/09
30WRK	WK1674	2009	1	Cu plate cleaed and plated with Pd, heated in vac and D2	1/5/09
30WRK	WK1675	2009	1	Cu replated, heated in vac using laser	1/9/09
30WRK	WK1676	2009	1	NaOH,Si, Ni-Al,PdCl2 wet with water and painted on Cu coated with Pd	1/9/09
30WRK	WK1677	2009	1	heated in D2 and vac	1/9/09
30WRK	WK1678	2009	1	removed	1/14/09
30WRK	WK1679	2009	1	Letts 675 examined using SEM, black with Au,Pd, Fe. Co, cracked	1/14/09
30WRK	WK1680	2009	1	Letts 676 cleaned plated with Pd and Au, examined using SEM	1/14/09
30WRK	WK1681	2009	1	heated in air	1/15/09
30WRK	WK1682	2009	1	heated in D2 and vac	1/17/09
30WRK	WK1683	2009	1	Pd wite coated with Si powder, heated to 800°, heated in D2, powder not attached	1/18/09
30WRK	WK1684	2009	1	in P-F cell	1/19/09
30WRK	WK1685	2009	1	Pd. 1.04% on carbon, Pd 3% on activated carbon, mixed and painted on	1/21/09
30WRK	WK1686	2009	1	heated in D2	1/22/09
30WRK	WK1687	2009	1	heated in vac and D2	1/23/09
30WRK	WK1688	2009	1	removed, deloaded, D/Pd=0.74	1/24/09
30WRK	WK1689	2009	1	Grace catalyst on source	1/27/09
30WRK	WK1690	2009	1	heated in D2	1/30/09
30WRK	WK1691	2009	2	thermistor calibration	2/1/09
30WRK	WK1692	2009	2	Cu plated with Pd and Au	2/11/09
30WRK	WK1693	2009	2	Cu plated with Pd and Au	2/12/09
30WRK	WK1694	2009	2	DA system set up	2/12/09
30WRK	WK1695	2009	2	data taken	2/25/09
30WRK	WK1696	2009	2	data raken	2/27/09
30WRK	WK1697	2009	2	wave length vs temperature measured	2/28/09
30WRK	WK1698	2009	2	density oil measured, 0.935 g/ml @20.8°	2/28/09
30WRK	WK1699	2009	3	laser on without electrolysis, flow changed	3/2/09

30WRK	WK1700	2009	3	laser calibrated	3/5/09
30WRK	WK1701	2009	3	new cell made from Teflon, calibrated	3/14/09
30WRK	WK1702	2009	3	both lasers on with same polarization	3/15/09
30WRK	WK1703	2009	3	electrolyte added	3/16/09
30WRK	WK1704	2009	3	samples made using stirling silver and Pd plated with Au	3/16/09
30WRK	WK1705	2009	3	Pt used as cathode	3/17/09
30WRK	WK1706	2009	3	laser replaced, two laser on	3/19/09
30WRK	WK1707	2009	3	lasers on	3/20/09
30WRK	WK1708	2009	3	Pt cathode replaced by Ag#3, Pd samples made	3/21/09
30WRK	WK1709	2009	3	2 lasers on, electrolysis open circuit	3/22/09
30WRK	WK1710	2009	3	Pd#1A in cell, laser on	3/23/09
30WRK	WK1711	2009	3	Laser temperatures set for 8.3 THz, laser on	3/24/09
30WRK	WK1712	2009	3	Laser set at 13.0 THz, Li added to electrolyte	3/25/09
30WRK	WK1713	2009	3	constant power program written, D2O added to cell	3/26/09
30WRK	WK1714	2009	3	program modified	3/27/09
30WRK	WK1715	2009	3	laser on, new electrolyte	3/28/09
30WRK	WK1716	2009	3	laser on without electrolysis, flow changed, system crashed	3/29/09
30WRK	WK1717	2009	3	run with two lasers	3/30/09
30WRK	WK1718	2009	3	run with electrolysis overnight, system crashed	3/31/09
30WRK	WK1719	2009	4	two laser on, system crashed	4/1/09
30WRK	WK1720	2009	4	progran fixed, two lasers run, cathide removed - SEM picture	4/3/09
30WRK	WK1721	2009	4	Pd#1 reversed sides, computer crashed	4/4/09
30WRK	WK1722	2009	4	New electrolyte,	4/5/09
30WRK	WK1723	2009	4	laser on	4/6/09
30WRK	WK1724	2009	4	Pd+Au#3 electrolyzed with two lasers	4/14/09
30WRK	WK1725	2009	4	open circuit, bubble removed, laser on	4/15/09
30WRK	WK1726	2009	4	laser on	4/16/09
30WRK	WK1727	2009	4	lasers on	4/17/09
30WRK	WK1728	2009	4	Pd heated in vac with Li, reated at 563°	4/17/09
30WRK	WK1729	2009	4	water inlet repaired	4/18/09
30WRK	WK1730	2009	4	magnet removed, recalibrated	4/22/09
30WRK	WK1731	2009	4	laser on - no excess	4/23/09
30WRK	WK1732	2009	4	Pd+Li reacted together - brittle surface formed	4/23/09
30WRK	WK1733	2009	4	run in calorimeter, Ag strip plated with Pd and Au	4/25/09
30WRK	WK1734	2009	4	sample in Letts cell - no excess	4/25/09
30WRK	WK1735	2009	4	run with magnet on	4/28/09

30WRK	WK1736	2009	5	calibration	5/6/09
30WRK	WK1737	2009	5	Electroplating study	5/9/09
30WRK	WK1738	2009	5	sample in SB	5/12/09
30WRK	WK1739	2009	5	new SB installed	5/12/09
30WRK	WK1740	2009	5	Pt#2 cleaned-plated with Pd-OCV measured	5/13/09
30WRK	WK1741	2009	5	PdCl2 in electrolyte-converted to PdCl4+H2	5/14/09
30WRK	WK1742	2009	5	in SB-OCV measured-Pt#3 flame heated-plated with Pd-in SB	5/15/09
30WRK	WK1743	2009	5	Pd dot1 melted-rolled-cut-HNO3-950° in air-in SB-many blisters	5/16/09
30WRK	WK1744	2009	5	Pd nano particles smeerd on Cu- in SBD apparatus-D2 added-heated	5/20/09
30WRK	WK1745	2009	5	Li metal wiped om Pd-heated in D2-no radiation	5/20/09
30WRK	WK1746	2009	5	full strength Midas Pd solution plated on Pt-in SB-OCV measured	5/20/09
30WRK	WK1747	2009	5	flame heated-plated with diluted Midas Pd-Pd melted on surface-OCV measured	5/24/09
30WRK	WK1748	2009	5	Laser cell modified to change angle to surface	5/26/09
30WRK	WK1749	2009	5	burst in GM counts	5/26/09
30WRK	WK1750	2009	5	in SB	5/27/09
30WRK	WK1751	2009	5	Laser cell studied	6/8/09
30WRK	WK1752	2009	6	current control calibrated	6/10/09
30WRK	WK1753	2009	6	laser on	6/11/09
30WRK	WK1754	2009	6	laser study continued	6/13/09
30WRK	WK1755	2009	6	laser study continued	6/15/09
30WRK	WK1756	2009	6	laser study continued	6/16/09
30WRK	WK1757	2009	6	laser study continued-new cathode	6/17/09
30WRK	WK1758	2009	6	laser study continued	6/19/09
30WRK	WK1759	2009	7	Pt from Letts cell used to calibrate	7/19/09
30WRK	WK1760	2009	7	new electrolyte	7/20/09
30WRK	WK1761	2009	7	laster study terminated	7/23/09
30WRK	WK1762	2009	7	anode replaced	7/23/09
30WRK	WK1763	2009	7	Flow calorimeter for laser study calibrated	7/25/09
30WRK	WK1764	2009	7	Start of Journal #8	7/26/09
30WRK	WK1765	2009	7	cathode weighed and size measured	7/26/09
30WRK	WK1766	2009	7	cathode run	7/28/09
30WRK	WK1767	2009	7	calibrated	7/29/09
30WRK	WK1768	2009	8	DAS changed to Translations	8/2/09
30WRK	WK1769	2009	8	DAS calibrated	8/3/09
30WRK	WK1770	2009	8	calibrated	8/4/09

30WRK	WK1771	2009	8	excess power measured	8/5/09
30WRK	WK1772	2009	8	NI DAS instulled	8/8/09
30WRK	WK1773	2009	8	New flow calorimeter used and calibrated	8/11/09
30WRK	WK1774	2009	8	cell modified and calibrated	8/11/09
30WRK	WK1775	2009	8	data taken	8/13/09
30WRK	WK1776	2009	8	sample run	8/14/09
30WRK	WK1777	2009	8	laser on, data taken	8/17/09
30WRK	WK1778	2009	8	run continued	8/18/09
30WRK	WK1779	2009	8	calibration	8/19/09
30WRK	WK1780	2009	8	run started	8/22/09
30WRK	WK1781	2009	8	run continued	8/23/09
30WRK	WK1782	2009	8	magnet instulled, laser on	8/24/09
30WRK	WK1783	2009	8	disc magnet in cell as cathode	8/24/09
30WRK	WK1784	2009	8	magnet reversed	8/25/09
30WRK	WK1785	2009	8	magnet on side of cell	8/26/09
30WRK	WK1786	2009	8	magnet reattached	8/26/09
30WRK	WK1787	2009	8	reattached	8/27/09
30WRK	WK1788	2009	8	removed	8/28/09
30WRK	WK1789	2009	8	calibrated	8/31/09
30WRK	WK1790	2009	9	lasers switched positions	9/2/09
30WRK	WK1791	2009	9	calibrated	9/4/09
30WRK	WK1792	2009	9	calibrated	9/5/09
30WRK	WK1793	2009	9	electrolysis without laser	9/9/09
30WRK	WK1794	2009	9	electrolysis with lsaser	9/10/09
30WRK	WK1795	2009	9	cathode removed and examibed in SEM	9/13/09
30WRK	WK1796	2009	9	New cathode - calibrated	9/14/09
30WRK	WK1797	2009	9	RTD instulled-calibrated	9/17/09
30WRK	WK1798	2009	9	laser used	9/19/09
30WRK	WK1799	2009	9	gold anode used	9/20/09
30WRK	WK1800	2009	9	gold plated on cathode	9/22/09
30WRK	WK1801	2009	9	laser on	9/24/09
30WRK	WK1802	2009	9	flow condition modified	9/25/09
30WRK	WK1803	2009	9	calibrated, laser on	9/26/09
30WRK	WK1804	2009	10	run with and without laser	10/11/09
30WRK	WK1805	2009	10	electroplating study started - Pd plated on Pt using PdCl2+LiOD	10/13/09
30WRK	WK1806	2009	10	run in SB caliometer - no excess	10/13/09

30WRK	WK1807	2009	10	cell rotated, flow changed, laser on, calibrated	10/14/09
30WRK	WK1808	2009	10	pure Pt run in SB	10/14/09
30WRK	WK1809	2009	10	Pt plated with Pd and run in SB	10/20/09
30WRK	WK1810	2009	10	Cu plated with Pt	10/21/09
30WRK	WK1811	2009	10	Cu-Pt run in SB	10/23/09
30WRK	WK1812	2009	10	Pd-Ni alloy, 5.3889g Pd+0.8489 g Ni flame melted. D/metal=0.853	10/27/09
30WRK	WK1813	2009	10	Ni-Pd Run in SB using Li2SO4+D2O	10/30/09
30WRK	WK1814	2009	11	Ni-Pd#2 run in SB	11/3/09
30WRK	WK1815	2009	11	magnet added to cell	11/11/09
30WRK	WK1816	2009	11	electrolytic cell broke	11/16/09
30WRK	WK1817	2009	11	Ni-Pd #2 plated with Pd	11/22/09
30WRK	WK1818	2009	11	evacuated in SBD, radiation detected	11/23/09
30WRK	WK1819	2009	12	gas loading apparatus constructed and calibrated	12/1/09
30WRK	WK1820	2009	12	Pd and Zr-Ni studied	12/10/09
30WRK	WK1821	2009	12	cell cleaned -new electrolyte- in SB	12/14/09
30WRK	WK1822	2009	12	Ni-Zr-Pd heated to 800° in vac	12/16/09
30WRK	WK1823	2009	12	Zr-Ni+Pd(NO3)2 heated at 800°	12/18/09
30WRK	WK1824	2009	12	sample reacted with D2	12/21/09
30WRK	WK1825	2009	12	Ni-Zr reacted with D2	12/22/09
30WRK	WK1826	2009	12	solution black-surface of cathode black	12/23/09
30WRK	WK1827	2009	12	CaO mixed with Pd(NO3)2, heated at 800°, reacted with D2	12/23/09
30WRK	WK1828	2009	12	LiAlO2 mixed with Pd(NO3)2, heated to 355°	12/24/09
30WRK	WK1829	2009	12	CaO+Pd reacted with D2	12/25/09
30WRK	WK1830	2009	12	LiAlO2+Pd reacted with D2	12/30/09
30WRK	WK1831	2009	12	SiO2 colloidal sol +Pd(NO3)2 heated to 400°	12/31/09
30WRK	WK1832	2009	12	Nd2(CO3)3 heated with Pd(NO3)2 to 400°	12/31/09
30WRK	WK1833	2010	1	SiO2+Pd reacted with D2	1/5/10
30WRK	WK1834	2010	1	LANL Zeolyte+PdCl2 heated to 300°	1/8/10
30WRK	WK1835	2010	1	Omegabond heated and reacted with D2	1/13/10
30WRK	WK1836	2010	1	Omegabond heated with Pd(NO3)2	1/13/10
30WRK	WK1837	2010	1	carbon Aerogel heated with Pd(NO3)2	1/19/10
30WRK	WK1838	2010	1	NRL Zeolyte reacted with D2	1/19/10
30WRK	WK1839	2010	1	Pd(NO3)2+Ni(NO3)2 mixed with C and NaBH4	1/21/10
30WRK	WK1840	2010	1	Li2CO3 mixed wuth Pd(NO3)2 and Ni(NO3)2	1/24/10
30WRK	WK1841	2010	1	SrCO3 mixed with Pd(NO3)2, heated to 400°	1/25/10
30WRK	WK1842	2010	2	Nd2(NO3)3 heated wiith Pd(NO3)2	2/4/10

30WRK	WK1843	2010	2	CaO+FeNdB4+PdCl2 mixed and heated @ 200°	2/6/10
30WRK	WK1844	2010	2	Nb2(CO3)3+Pd mixed	2/9/10
30WRK	WK1845	2010	2	BaTiO3+Pd(NO3)2 mixed heated @500°	2/17/10
30WRK	WK1846	2010	3	ZrO2colloid + PdCl2 mixed, heated @600°	3/1/10
30WRK	WK1847	2010	3	magnetic Fe2O3 +PdCl2 heated to 175°, reacted with D2	3/2/10
30WRK	WK1848	2010	3	Fe2O3+PdCl2 mixed, heat @175°	3/3/10
30WRK	WK1849	2010	3	Fe2O3+Pd(NO3)2 heat to 175°, reacted with D2	3/3/10
30WRK	WK1850	2010	3	Fe2O3+Pd(NO3)2+Nd(NO3)3+Li6 reacted	3/12/10
30WRK	WK1851	2010	3	new cell made of lavite	3/25/10
30WRK	WK1852	2010	3	Pd+Fe2O3 in cup with msagnets	3/29/10
30WRK	WK1853	2010	4	Pd_+Nd3(CO3)2 heated @500° + D2	4/1/10
30WRK	WK1854	2010	4	Nd2(CO3)3+Pd(NO3)2 heated @400°	4/2/10
30WRK	WK1855	2010	4	Nd2(CO3)3 +PdCl2 heated @400°	4/7/10
30WRK	WK1856	2010	4	5% Pd on BaSO4 + D2	4/12/10
30WRK	WK1857	2010	4	5% Pd on CaCO3	4/22/10
30WRK	WK1858	2010	4	G75E + D2	4/25/10
30WRK	WK1859	2010	4	CaO+PdCl2	4/30/10
30WRK	WK1860	2010	5	empty cell	5/6/10
30WRK	WK1861	2010	5	system tested and repaired	5/13/10
30WRK	WK1862	2010	5	CaO+Pd+D2O	5/14/10
30WRK	WK1863	2010	5	SrTiO3+PdCl2 heated at 150°	5/19/10
30WRK	WK1864	2010	5	cell modified	5/20/10
30WRK	WK1865	2010	5	BaTiO3+Pd+D2O+D2	5/23/10
30WRK	WK1866	2010	5	Zr+Ni+Pd +D2	5/26/10
30WRK	WK1867	2010	6	D2 added	5/29/10
30WRK	WK1868	2010	6	SrTiO2 heated in D2	6/4/10
30WRK	WK1869	2010	6	SrTiO3+PdCl2 heated with D2	6/6/10
30WRK	WK1870	2010	6	exposure to D2 continued	6/13/10
30WRK	WK1871	2010	6	H2 added	6/16/10
30WRK	WK1872	2010	6	new system instulled	6/18/10
30WRK	WK1873	2010	6	SrTiO3 studied with D2	6/26/10
30WRK	WK1874	2010	6	SrTiO3 heated with D2O and D2	6/27/10
30WRK	WK1875	2010	6	SrTiO3 reacted with air	6/29/10
30WRK	WK1876	2010	7	study continued	7/2/10
30WRK	WK1877	2010	7	SrTiO3 hreated in D2O	7/5/10
30WRK	WK1878	2010	7	BaTiO3 heated in D2O	7/7/10

30WRK	WK1879	2010	7	CaO heated in D2O	7/8/10
30WRK	WK1880	2010	7	H2 added	7/15/10
30WRK	WK1881	2010	7	size of SrTiO3 sorted	7/15/10
30WRK	WK1882	2010	7	SrTiO3 studied- H2 added	7/27/10
30WRK	WK1883	2010	7	D2 added	7/28/10
30WRK	WK1884	2010	8	study continued to add D2	8/6/10
30WRK	WK1885	2010	8	SrTiO3 studied	8/7/10
30WRK	WK1886	2010	8	SrTiO3+Pd+D2	8/8/10
30WRK	WK1887	2010	8	study continued	8/11/10
30WRK	WK1888	2010	8	NRL Zeolyte+1% Pd +D2	8/12/10
30WRK	WK1889	2010	8	H2 added	8/14/10
30WRK	WK1890	2010	8	**New SB calorimeter using internal Dewar**	**8/25/10**
30WRK	WK1891	2010	8	SrTiO3+PdCl2+D2O	8/30/10
30WRK	WK1892	2010	9	D2 evaculated,calibrated in vacuum	9/1/10
30WRK	WK1893	2010	9	D2 added, heated in steps	9/2/10
30WRK	WK1894	2010	9	D2 added, heated in steps	9/3/10
30WRK	WK1895	2010	9	D2 added, heated in steps	9/4/10
30WRK	WK1896	2010	9	D2 added, heated in steps	9/5/10
30WRK	WK1897	2010	9	Air added	9/6/10
30WRK	WK1898	2010	9	D2 added, heated in steps	9/7/10
30WRK	WK1899	2010	9	baked out	9/8/10
30WRK	WK1900	2010	9	D2 added, heated in steps	9/9/10
30WRK	WK1901	2010	9	heated in steps	9/11/10
30WRK	WK1902	2010	9	heated in steps	9/12/10
30WRK	WK1903	2010	9	air leak, H2 added	9/13/10
30WRK	WK1904	2010	9	D2 added, heated in steps	9/14/10
30WRK	WK1905	2010	9	heated in steps	9/15/10
30WRK	WK1906	2010	9	H2 added, heated in steps	9/16/10
30WRK	WK1907	2010	9	H2 added, heated in steps	9/26/10
30WRK	WK1908	2010	9	pumped out	9/27/10
30WRK	WK1909	2010	9	D2 added, heated in steps	9/29/10
30WRK	WK1910	2010	9	pumped out	9/30/10
30WRK	WK1911	2010	10	D2 added, heated in steps	10/1/10
30WRK	WK1912	2010	10	heated in vac	10/2/10
30WRK	WK1913	2010	10	calorimeter modified	10/3/10
30WRK	WK1914	2010	10	D2 added, heated in steps	10/8/10

30WRK	WK1915	2010	10	evacuated	10/9/10
30WRK	WK1916	2010	10	sample removed and replaced by SrTiO3+Pd#2	10/10/10
30WRK	WK1917	2010	10	heated in steps	10/10/10
30WRK	WK1918	2010	10	SrTiO3+ Pd#3 in system, resistor shorted, repaired	10/14/10
30WRK	WK1919	2010	10	heated in steps	10/16/10
30WRK	WK1920	2010	10	cleaned resistor without sample	10/18/10
30WRK	WK1921	2010	10	H2 added, heated in steps	10/19/10
30WRK	WK1922	2010	10	SrTiO3 + Pd#4 added. D2 added, heated in steps	10/20/10
30WRK	WK1923	2010	10	vacuum heated in steps, D2 added	10/21/10
30WRK	WK1924	2010	10	heated in vac	10/22/10
30WRK	WK1925	2010	10	D2 added, heated in steps	10/23/10
30WRK	WK1926	2010	10	vacuum heated in steps, D2 added	10/23/10
30WRK	WK1927	2010	10	D2 added, heated in steps	10/25/10
30WRK	WK1928	2010	10	vacuum heated in steps, D2 added	10/26/10
30WRK	WK1929	2010	10	D2 added, heated in steps	10/27/10
30WRK	WK1930	2010	10	vacuum	10/28/10
30WRK	WK1931	2010	10	H2 added, heated in steps	10/29/10
30WRK	WK1932	2010	10	vacuum	10/30/10
30WRK	WK1933	2010	10	D2 added, heated in steps	10/31/10
30WRK	WK1934	2010	11	vacuum	11/2/10
30WRK	WK1935	2010	11	D2+H2 added, heated in steps	11/3/10
30WRK	WK1936	2010	11	vacuum	11/4/10
30WRK	WK1937	2010	11	D2+H2 added, heated in steps	11/5/10
30WRK	WK1938	2010	11	gas studied using RGA	11/6/10
30WRK	WK1939	2010	11	D2 added, heated in steps	11/7/10
30WRK	WK1940	2010	11	heated in steps	11/11/10
30WRK	WK1941	2010	11	vacuum, empty cell calibrated	11/12/10
30WRK	WK1942	2010	11	cell calibrated	11/13/10
30WRK	WK1943	2010	11	calibrated with H2	11/15/10
30WRK	WK1944	2010	11	calibrated with air	11/16/10
30WRK	WK1945	2010	11	calibrated with D2	11/17/10
30WRK	WK1946	2010	11	calibrated with vac	11/17/10
30WRK	WK1947	2010	11	calibrated with D2	11/20/10
30WRK	WK1948	2010	11	calibrated with air	11/21/10
30WRK	WK1949	2010	11	calibrated with H2	11/22/10
30WRK	WK1950	2010	11	SrTiO3+Pd#5, D2 added, heated in steps	11/23/10

30WRK	WK1951	2010	11	shorted. Open to air, repaired	11/25/10
30WRK	WK1952	2010	12	SrTiO3+Pd#6 made	12/5/10
30WRK	WK1953	2010	12	SrTiO3#6, D2 added. Studied in steps	12/6/10
30WRK	WK1954	2010	12	new resistor	12/8/10
30WRK	WK1955	2010	12	D2 added, over night	12/9/10
30WRK	WK1956	2010	12	vacuum	12/10/10
30WRK	WK1957	2010	12	D2 added, heated in steps	12/11/10
30WRK	WK1958	2010	12	D2 added	12/13/10
30WRK	WK1959	2010	12	vacuum	12/14/10
30WRK	WK1960	2010	12	D2 added, heated in steps	12/15/10
30WRK	WK1961	2010	12	off, no heat and no helium	12/17/10
30WRK	WK1962	2010	12	SrTiO3+Pd#7 made	12/17/10
30WRK	WK1963	2010	12	SrTiO3+Pd#7 studied, D2 added	12/18/10
30WRK	WK1964	2010	12	vacuum	12/19/10
30WRK	WK1965	2010	12	cooled, D2 added, heated in steps	12/20/10
30WRK	WK1966	2010	12	vacuum, air added	12/21/10
30WRK	WK1967	2010	12	D2 added, heated in steps	12/22/10
30WRK	WK1968	2010	12	D2 added, heated in steps	12/23/10
30WRK	WK1969	2010	12	sample removed, calibrated	12/24/10
30WRK	WK1970	2010	12	vacuum	12/25/10
30WRK	WK1971	2010	12	cell cleaned, sample returned, cycled in vacuum	12/26/10
30WRK	WK1972	2010	12	SrTiO3+Pd#8 made	12/26/10
30WRK	WK1973	2010	12	Sample in cell under vac	12/27/10
30WRK	WK1974	2010	12	heated in steps	12/28/10
30WRK	WK1975	2010	12	vacuum	12/29/10
30WRK	WK1976	2010	12	vacuum, computer failed	12/30/10
30WRK	WK1977	2010	12	D2 added, heated in steps	12/31/10
30WRK	WK1978	2011	1	empty cell calibrated	1/1/11
30WRK	WK1979	2011	1	vacuum	1/2/11
30WRK	WK1980	2011	1	New GM in system, RGA adjusted	1/3/11
30WRK	WK1981	2011	1	BaTiO3+Pd #1 made, D2 added, heated in steps, lage GM used	1/3/11
30WRK	WK1982	2011	1	vacuum, heated in steps	1/4/11
30WRK	WK1983	2011	1	SrTiO3+Pd#8 in cell, mixed with Pd powder	1/5/11
30WRK	WK1984	2011	1	D2 added, no radiation, vacuum,	1/6/11
30WRK	WK1985	2011	1	resistor replaced	1/10/11
30WRK	WK1986	2011	1	SrTiO3+Pd#7 + D2	1/11/11

30WRK	WK1987	2011	1	heated in steps	1/12/11
30WRK	WK1988	2011	1	vacuum, no helium	1/13/11
30WRK	WK1989	2011	1	vacuum, heated in steps	1/14/11
30WRK	WK1990	2011	1	Dewar instulled. D2 added	1/15/11
30WRK	WK1991	2011	1	empty cell calibrated	1/17/11
30WRK	WK1992	2011	1	constant T bath failed	1/18/11
30WRK	WK1993	2011	1	SrTiO3+Pd#9 heated in O2, D2 added	1/19/11
30WRK	WK1994	2011	1	heated in steps	1/20/11
30WRK	WK1995	2011	1	heated in steps, vacuum, removed	1/21/11
30WRK	WK1996	2011	1	D2 added, heated in steps	1/22/11
30WRK	WK1997	2011	1	sample removed	1/23/11
30WRK	WK1998	2011	1	SrTiO3+Pd#7 in calorimeter, D2 added	1/23/11
30WRK	WK1999	2011	1	heated in steps	1/24/11
30WRK	WK2000	2011	1	Pd+SiO2 in cali. And heated in steps	1/25/11
30WRK	WK2001	2011	1	removed, calorimeter needs repair	1/26/11
30WRK	WK2002	2011	2	calorimeter modified to have internal heater - resistor removed	2/23/11
30WRK	WK2003	2011	2	calibrated with vac	2/24/11
30WRK	WK2004	2011	2	Pd+SiO2-800° in cell, vacuum	2/25/11
30WRK	WK2005	2011	2	D2 added, heated in steps - New Dewar made	2/26/11
30WRK	WK2006	2011	2	heated in steps	2/28/11
30WRK	WK2007	2011	3	Dewar down, H2 added, sampke self heated, heated in steps	3/1/11
30WRK	WK2008	2011	3	vacuum, heated in steps	3/2/11
30WRK	WK2009	2011	3	H2 calibration	3/3/11
30WRK	WK2010	2011	3	Ni+Pd(NO3)2 in cell, heated in vac	3/4/11
30WRK	WK2011	2011	3	heated in steps	3/6/11
30WRK	WK2012	2011	3	New ceramic filled Dewar used, calibrated with H2	3/10/11
30WRK	WK2013	2011	3	calibrated with vac, oven failed	3/13/11
30WRK	WK2014	2011	3	Oven repaired, recalibrated	3/16/11
30WRK	WK2015	2011	3	CaO+Ni+Pd heated in steps	3/17/11
30WRK	WK2016	2011	3	H2 added, heated in steps	3/18/11
30WRK	WK2017	2011	3	CaO+Ni heated in vacuum	3/20/11
30WRK	WK2018	2011	3	H2 added, heated in steps	3/21/11
30WRK	WK2019	2011	3	heated in vac	3/22/11
30WRK	WK2020	2011	3	H2 added, heated in steps	3/23/11
30WRK	WK2021	2011	3	vacuum, H2 calibration	3/24/11
30WRK	WK2022	2011	3	heated in vacuum, H2 added	3/25/11

30WRK	WK2023	2011	3	H2 heated in steps, arrest at 200°	3/26/11
30WRK	WK2024	2011	3	H2 calibration	3/27/11
30WRK	WK2025	2011	3	Ni+Pd+O#2, H2 heated inb steps	3/28/11
30WRK	WK2026	2011	3	BaTiO3 mixed with Ni(NO3)2	3/30/11
30WRK	WK2027	2011	3	Dewar connected to vacuum system	3/31/11
30WRK	WK2028	2011	4	H2 calibration	4/1/11
30WRK	WK2029	2011	4	Ni+Pd+O #1 returned to cell, heated in steps	4/2/11
30WRK	WK2030	2011	4	in vac over night	4/3/11
30WRK	WK2031	2011	4	heated in steps, H2 calibrated	4/5/11
30WRK	WK2032	2011	4	5% Pt on Al2O3, heated in H2	4/6/11
30WRK	WK2033	2011	4	Cr2O3+Cr(HO3)3+Ni(NO3)2, heated in vac and H2	4/11/11
30WRK	WK2034	2011	4	H2 added, heated in steps	4/12/11
30WRK	WK2035	2011	4	H2 added, heated in steps	4/13/11
30WRK	WK2036	2011	5	Oven remade, outgassed in vac, calibrated with H2	5/24/11
30WRK	WK2037	2011	5	oven tested	5/26/11
30WRK	WK2038	2011	5	H2 calibration	5/28/11
30WRK	WK2039	2011	5	cell removed	5/29/11
30WRK	WK2040	2011	6	CaO+Ni(NO3)2 heated in vac.	6/2/11
30WRK	WK2041	2011	6	H2 added, heated in steps	6/3/11
30WRK	WK2042	2011	6	Sample removed, calibrated with H2	6/4/11
30WRK	WK2043	2011	6	Al cup calibrated with H2	6/5/11
30WRK	WK2044	2011	6	CaO+NiO in cell again, heated in vac.	6/7/11
30WRK	WK2045	2011	6	H2 added, heated in steps	6/8/11
30WRK	WK2046	2011	6	sample removed, calibrated with H2	6/10/11
30WRK	WK2047	2011	6	Al cell with CaO+NiO+KOH	6/11/11
30WRK	WK2048	2011	6	heated in vac,	6/12/11
30WRK	WK2049	2011	6	heated in steps	6/13/11
30WRK	WK2050	2011	6	removed, calibrated	6/16/11
30WRK	WK2051	2011	6	Ni(HCO2)2+Al2O3 nano particle, heated in vac	6/17/11
30WRK	WK2052	2011	6	H2 added, heated in steps	6/18/11
30WRK	WK2053	2011	6	new H2 added	6/19/11
30WRK	WK2054	2011	6	vacuum. H2 added, sample removed	6/21/11
30WRK	WK2055	2011	6	NiO+BaTiO3+KOH, +H2, heated	6/22/11
30WRK	WK2056	2011	6	sample removed	6/23/11
30WRK	WK2057	2011	6	CuO+Ni(HCO2)2 heated slowly in vac.	6/24/11
30WRK	WK2058	2011	6	H2 added, heated in steps	6/25/11

30WRK	WK2059	2011	6	reacted with H2	6/28/11
30WRK	WK2060	2011	6	system crashed - repaired	6/29/11
30WRK	WK2061	2011	6	calibrated with H2 - leak found- repaired- sample heated under vac	6/30/11
30WRK	WK2062	2011	6	Ni(NO3)2+CaO sample made	6/30/11
30WRK	WK2063	2011	7	heated to 350° in vac, arrest near 225°, H2 added	7/1/11
30WRK	WK2064	2011	7	H2 added, heated in steps	7/2/11
30WRK	WK2065	2011	7	T reduced in steps	7/3/11
30WRK	WK2066	2011	7	power supply added, cooled in steps	7/6/11
30WRK	WK2067	2011	7	Sr(CO3)2+Ni(HCO2)2 +CaO sampke made	7/7/11
30WRK	WK2068	2011	7	held at 300° overnight, sample removed, calibrated	7/8/11
30WRK	WK2069	2011	7	CaO+KOH+Ni repeat, heated in vac, H2 added	7/10/11
30WRK	WK2070	2011	7	heated in steps	7/11/11
30WRK	WK2071	2011	7	CaO+Ni(NCO2)2 sample made	7/12/11
30WRK	WK2072	2011	7	CaO+Ni(NO#02 sample made	7/12/11
30WRK	WK2073	2011	7	H2 added, heated in steps	7/14/11
30WRK	WK2074	2011	7	heated in steps	7/15/11
30WRK	WK2075	2011	7	H2 replaced, heated in steps	7/16/11
30WRK	WK2076	2011	7	cooled, sample removed	7/17/11
30WRK	WK2077	2011	7	empty cell calibrated	7/20/11
30WRK	WK2078	2011	7	H2 added, heated in steps	7/21/11
30WRK	WK2079	2011	7	cooled in steps	7/22/11
30WRK	WK2080	2011	7	Dewar raised, calibrated	7/23/11
30WRK	WK2081	2011	7	CaO+Ni(7/12/11) heated in vac, heated in H2	7/26/11
30WRK	WK2082	2011	7	Ni(HCO2)2+Al2O3 in cell, heated to 300°	7/27/11
30WRK	WK2083	2011	7	removed	7/27/11
30WRK	WK2084	2011	7	Ni formate heated in vac in steps, removed	7/28/11
30WRK	WK2085	2011	7	Al2O3+Ni heated in vac, H2 added, removed	7/29/11
30WRK	WK2086	2011	7	CaO+Ni heated in vac, H2 added	7/30/11
30WRK	WK2087	2011	7	NaOH+KOH +Ni sample made	7/31/11
30WRK	WK2088	2011	7	H2 added, heated in steps	7/31/11
30WRK	WK2089	2011	8	removed	8/1/11
30WRK	WK2090	2011	8	Ni+NaOH+KOH heated in vac, H2 added, heated in steps, removed	8/3/11
30WRK	WK2091	2011	8	calibrated	8/4/11
30WRK	WK2092	2011	8	CaO+Ni(HCO2)2 sample made	8/7/11
30WRK	WK2093	2011	8	CaO+Ni heated in vac, H2 added, heated in steps, removed	8/8/11
30WRK	WK2094	2011	8	CaO+Ni(HCO2)2 sample made	8/9/11

30WRK	WK2095	2011	8	CaO+Ni heated to 350° in H2, H2 replaced	8/10/11
30WRK	WK2096	2011	8	removed, calibrated	8/11/11
30WRK	WK2097	2011	8	CaO+Ni(6-30-11) in vac,	8/12/11
30WRK	WK2098	2011	8	vacuum	8/13/11
30WRK	WK2099	2011	8	H2 added, heated in steps	8/14/11
30WRK	WK2100	2011	8	Ni+Al2O3, vacuum, H2 heated in steps	8/15/11
30WRK	WK2101	2011	8	H2 added, heated in steps	8/16/11
30WRK	WK2102	2011	8	removed, calibrated	8/17/11
30WRK	WK2103	2011	8	Ni(NO3)2+CaO dissolved in acetone	8/18/11
30WRK	WK2104	2011	8	CaO+Ni(NO3)2, heat in vac, H2 added	8/19/11
30WRK	WK2105	2011	8	o-ring replaced. TEC replkaced, leak fixed, cell replkaced	8/20/11
30WRK	WK2106	2011	8	recalibrated	8/27/11
30WRK	WK2107	2011	8	Sucrose+Ni+Fe2O3 sample made	8/28/11
30WRK	WK2108	2011	8	Ni+Fe2O3. heated in vac, H2 added	8/28/11
30WRK	WK2109	2011	8	H2 added, heated in steps	8/30/11
30WRK	WK2110	2011	8	Sucrose+Ni+Fe2O3 sample made	8/31/11
30WRK	WK2111	2011	9	sample removed, calibrated	9/1/11
30WRK	WK2112	2011	9	Sucrose+Ni+NiO sample made	9/6/11
30WRK	WK2113	2011	9	Ni+Fe2O3+S, heated in vac. H2 added	9/6/11
30WRK	WK2114	2011	9	H2 added, heated in steps	9/7/11
30WRK	WK2115	2011	9	sample removed	9/9/11
30WRK	WK2116	2011	9	RTD replaced	9/10/11
30WRK	WK2117	2011	9	H2 calibration	9/14/11
30WRK	WK2118	2011	9	BaTiO3 nano powder+Ni(HCO2)2 sample made	9/15/11
30WRK	WK2119	2011	9	BaTiO3+Ni formate(9/15/11). Heated in vac. H2 added, heated in steps	9/17/11
30WRK	WK2120	2011	9	sample removed	9/22/11
30WRK	WK2121	2011	9	cooling bad, insulation removed	9/23/11
30WRK	WK2122	2011	9	recalibrated	9/24/11
30WRK	WK2123	2011	9	BaTiO3+Ni rerun, heated in vac	9/26/11
30WRK	WK2124	2011	9	H2 added, heated in steps	9/27/11
30WRK	WK2125	2011	9	vacuum, calibration	9/28/11
30WRK	WK2126	2011	9	H2 removed. Replaced by D2	9/29/11
30WRK	WK2127	2011	9	C+PdCl2 in cell. D2 added. Heated in steps	9/30/11
30WRK	WK2128	2011	10	carbon nanotubes+PdCl2, heated in vacuum	10/5/11
30WRK	WK2129	2011	10	Ni+Ni)(NO3)2 heated in sealed system	10/9/11

30WRK	WK2130	2011	10	C+Pd#1 removed	10/10/11
30WRK	WK2131	2011	10	D2 calibrated, C+Pd#1b in cell	10/11/11
30WRK	WK2132	2011	10	sample blown out of cell	10/14/11
30WRK	WK2133	2011	10	Ni+C in cell, heat with previous sample	10/15/11
30WRK	WK2134	2011	10	sample gray and sintered, machined to fit cell	10/16/11
30WRK	WK2135	2011	10	H2 added, heated in steps	10/17/11
30WRK	WK2136	2011	10	calibrated with helium	10/18/11
30WRK	WK2137	2011	10	Ni+C mixed in rotating glass	10/19/11
30WRK	WK2138	2011	10	sample returned to cell	10/20/11
30WRK	WK2139	2011	10	removed	10/21/11
30WRK	WK2140	2011	10	calorimeter repaired	10/21/11
30WRK	WK2141	2011	10	Ni+C mixed in glass, heated in vac to 750°. Slightly sintered	10/21/11
30WRK	WK2142	2011	10	sample in caliometer, heated in vac, H2 heated in steps	10/26/11
30WRK	WK2143	2011	10	removed. Ni+C#3 in caliometer	10/28/11
30WRK	WK2144	2011	10	sample removed, Ni+C#4 in calorimeter	10/30/11
30WRK	WK2145	2011	11	sample removed	11/4/11
30WRK	WK2146	2011	11	Ni formate heated in vac in steps, removed	11/4/11
30WRK	WK2147	2011	11	New RTD. New o-ring cell cleaned	11/5/11
30WRK	WK2148	2011	11	calibrated, TEC not stable	11/6/11
30WRK	WK2149	2011	11	Ni+C#5 in calori	11/10/11
30WRK	WK2150	2011	11	yellow compound distilled from sample	11/11/11
30WRK	WK2151	2011	11	DWNT nanotubes mixed with Ni Formate, heated	11/14/11
30WRK	WK2152	2011	11	TEC changed, recalibrated	11/15/11
30WRK	WK2153	2011	11	Ni+C#5 in calori	11/17/11
30WRK	WK2154	2011	11	removed, Ni+Cr+C in calori	11/18/11
30WRK	WK2155	2011	11	Ni+C#5 heated- sample lost	11/19/11
30WRK	WK2156	2011	11	Ni+Cr+C removed	11/20/11
30WRK	WK2157	2011	11	calorimeter unstable	11/21/11
30WRK	WK2158	2011	11	calibrated	11/23/11
30WRK	WK2159	2011	11	C113 and C114 mixed, heated in H2	11/24/11
30WRK	WK2160	2011	11	H2 added to Fe2O3+O	11/24/11
30WRK	WK2161	2011	11	calibrated	11/26/11
30WRK	WK2162	2011	11	Ni+Cr heated	11/26/11
30WRK	WK2163	2011	11	Ni+C#1 heated	11/27/11
30WRK	WK2164	2011	11	Fe2O3+O#4 heated	11/30/11
30WRK	WK2165	2011	11	Ni+C#1in calori.	11/30/11

30WRK	WK2166	2011	12	removed	12/2/11
30WRK	WK2167	2011	12	Ni formate +C#1+ graphene powder, heated to 700°, in calori	12/2/11
30WRK	WK2168	2011	12	H2 added, heated in steps	12/3/11
30WRK	WK2169	2011	12	calibrated	12/6/11
30WRK	WK2170	2011	12	Nb+Ni formate+C heated in vacuum	12/6/11
30WRK	WK2171	2011	12	Sample in calorimeter	12/8/11
30WRK	WK2172	2011	12	removed	12/11/11
30WRK	WK2173	2011	12	W+C#4+Ni formate, reavted with C2H2	12/11/11
30WRK	WK2174	2011	12	in calorimeter	12/13/11
30WRK	WK2175	2011	12	various ssampke made and lost as result of heating too fast	12/13/11
30WRK	WK2176	2011	12	removed	12/17/11
30WRK	WK2177	2011	12	Ni+C#4+Ni formate, dried in vac, heated in H2	12/20/11
30WRK	WK2178	2011	12	in calorimeter	12/22/11
30WRK	WK2179	2011	12	removed	12/23/11
30WRK	WK2180	2011	12	Fe+ferrocene+C heated in vac, reacted with H2	12/23/11
30WRK	WK2181	2011	12	in calorimeter	12/27/11
30WRK	WK2182	2011	12	Ni formate + C#4 mixed in tumbler, heated under vac, fine magnetic powder	12/27/11
30WRK	WK2183	2011	12	heated in H2	12/28/11
30WRK	WK2184	2011	12	removed	12/30/11
30WRK	WK2185	2011	12	in calorimeter	12/30/11
30WRK	WK2186	2012	1	heated in H2, no energy	1/2/12
30WRK	WK2187	2012	1	Ni formate +C#4 mixed , heated, +NaSCN, mixed, heated in Vac and H2	1/2/12
30WRK	WK2188	2012	1	NaSCN heated in vac	1/3/12
30WRK	WK2189	2012	1	in calorimeter	1/3/12
30WRK	WK2190	2012	1	Ni formate decomposed and reacted with H2	1/8/12
30WRK	WK2191	2012	1	ground and fused to surface of Cu	1/11/12
30WRK	WK2192	2012	1	in calorimeter	1/12/12
30WRK	WK2193	2012	1	removed	1/13/12
30WRK	WK2194	2012	1	strips of Cu in calorimeter	1/14/12
30WRK	WK2195	2012	1	stainless balls + S heated in H2	1/15/12
30WRK	WK2196	2012	1	calibrated, removed	1/19/12
30WRK	WK2197	2012	1	Ni formate heated with CO	1/25/12
30WRK	WK2198	2012	1	in calorimeter	1/28/12
30WRK	WK2199	2012	1	Ni powder+Aerogel powder+Ni formsate mixed, heated in vac and H2	1/29/12

30WRK	WK2200	2012	1	removed, calibrated	1/31/12
30WRK	WK2201	2012	2	in calorimeter	2/2/12
30WRK	WK2202	2012	2	removed	2/3/12
30WRK	WK2203	2012	2	Ni powder heated in vac, heated in H2	2/3/12
30WRK	WK2204	2012	2	in calorimeter	2/5/12
30WRK	WK2205	2012	2	Ni+CO+H2 heated	2/5/12
30WRK	WK2206	2012	2	in calorimeter	2/6/12
30WRK	WK2207	2012	2	Ni+CO+He#3 heated	2/7/12
30WRK	WK2208	2012	2	H2 added, heated in steps	2/8/12
30WRK	WK2209	2012	2	Ni+CO+He#4 heated	2/8/12
30WRK	WK2210	2012	2	Ni+CO+He#5 prep.	2/9/12
30WRK	WK2211	2012	2	in calorimeter	2/10/12
30WRK	WK2212	2012	2	H2 added, heated in steps	2/11/12
30WRK	WK2213	2012	2	removed, calibrated	2/12/12
30WRK	WK2214	2012	2	removed, calibrated	2/24/12
30WRK	WK2215	2012	2	Ni+CO+He#5 in calorimeter	2/25/12
30WRK	WK2216	2012	2	NiO +H2 prep	2/26/12
30WRK	WK2217	2012	2	Ni balls rolled between sheets of W to make foil	2/26/12
30WRK	WK2218	2012	2	removed	2/27/12
30WRK	WK2219	2012	2	NiO+H2 in calorimeter	2/27/12
30WRK	WK2220	2012	2	heated in vac to 456°	2/27/12
30WRK	WK2221	2012	2	heated in H2	2/28/12
30WRK	WK2222	2012	2	removed	2/29/12
30WRK	WK2223	2012	2	in calorimeter	2/29/12
30WRK	WK2224	2012	3	MWNT coated with Ni, heated in vac	3/3/12
30WRK	WK2225	2012	3	eBay Ni rolled into sheet. Heated in vac and H2	3/4/12
30WRK	WK2226	2012	3	heated in CO	3/5/12
30WRK	WK2227	2012	3	removed	3/6/12
30WRK	WK2228	2012	3	in calorimeter	3/6/12
30WRK	WK2229	2012	3	removed	3/7/12
30WRK	WK2230	2012	3	eBay Ni heated in air, heated in vac + H2	3/7/12
30WRK	WK2231	2012	3	in calorimeter	3/8/12
30WRK	WK2232	2012	3	Ni balls heated in vac +H2	3/9/12
30WRK	WK2233	2012	3	NiO in calorimeter, hreated in H2	3/11/12
30WRK	WK2234	2012	3	cooled in vac, removed	3/12/12
30WRK	WK2235	2012	3	NiO mixed with e-Bay Ni, heated in H2	3/13/12

30WRK	WK2236	2012	3	removed	3/14/12
30WRK	WK2237	2012	3	Cr2O3 heated in vac + H2 + CO, mixed with C	3/14/12
30WRK	WK2238	2012	3	Zr slugs coared with C, heated in vac	3/14/12
30WRK	WK2239	2012	3	NiZr alloy powder heated in vac	3/14/12
30WRK	WK2240	2012	3	Heated in D2	3/16/12
30WRK	WK2241	2012	4	alternate Ni-Pd layers applied to Pd#54 y sputtering	4/10/12
30WRK	WK2242	2012	4	in calorimeter	4/12/12
30WRK	WK2243	2012	4	H2 added	4/13/12
30WRK	WK2244	2012	4	Pd#20 rolled, heated in vac, heated in flame, plated with Ni and Pd	4/13/12
30WRK	WK2245	2012	4	removed- layer flaked off	4/14/12
30WRK	WK2246	2012	4	in calorimeter	4/14/12
30WRK	WK2247	2012	4	Ti applied-gold color	4/15/12
30WRK	WK2248	2012	4	in calorimeter, heated in H2	4/17/12
30WRK	WK2249	2012	4	10-Ni255+2-Fe2O3,+2-CNT in calorimeter	4/17/12
30WRK	WK2250	2012	4	Ni255 rolled with B, heated in vac- slight radiation	4/18/12
30WRK	WK2251	2012	5	in calorimeter, heated in H2 and D2	5/13/12
30WRK	WK2252	2012	5	Pd rolled from melted botton, coated onbe side with Ti, in calorimeter,	5/13/12
30WRK	WK2253	2012	5	removed,Pd reacted with H2 and bent away from Ti	5/15/12
30WRK	WK2254	2012	5	Ti removed and Pd cleaned	5/15/12
30WRK	WK2255	2012	5	Pd reated with H2 (H/Pd=0.7), Ti applied	5/16/12
30WRK	WK2256	2012	5	in calorimeter with two GM detectors	5/16/12
30WRK	WK2257	2012	5	removed	5/20/12
30WRK	WK2258	2012	5	Pd +Ni melted together, coated with Ni,Ti, Ni - in calorimeter	5/21/12
30WRK	WK2259	2012	5	removed	5/23/12
30WRK	WK2260	2012	5	Pd+W rolled- coated with Ni, Pd	5/23/12
30WRK	WK2261	2012	5	in calorimeter	5/26/12
30WRK	WK2262	2012	5	removed	5/27/12
30WRK	WK2263	2012	5	Pd flame melted and load in electrolytic cell to H/Pd=1.08-coated with Ni	5/28/12
30WRK	WK2264	2012	5	in calorimeter	5/28/12
30WRK	WK2265	2012	5	removed, sample plated with Pd	5/29/12
30WRK	WK2266	2012	5	in calorimeter	5/30/12
30WRK	WK2267	2012	6	Pd#10 rolled, flame heated, exposed to H2- H/Pd=0.724	6/20/12
30WRK	WK2268	2012	6	sputtercoated with Ni, Pd, Ni- exposed to H2-D/Pd=0.73	6/21/12
30WRK	WK2269	2012	6	in calorimeter, heated in H2	6/22/12
30WRK	WK2270	2012	6	layers of Pd added and in calorimeter	6/23/12

30WRK	WK2271	2012	6	tested with different absorbers	6/24/12
30WRK	WK2272	2012	6	cooled in 5 atm H2, removed	6/26/12
30WRK	WK2273	2012	6	CuCl2+Ni dried in vac, heated in H2	6/26/12
30WRK	WK2274	2012	6	Pd#1a rolled, coated with Cr, Pd, Cr - in calorimeter	6/28/12
30WRK	WK2275	2012	6	mixed with Si powder -in calorimeter	6/29/12
30WRK	WK2276	2012	7	Pd slug rolled- heated in flame, reacted with H2 to H/Pd=0.73	7/3/12
30WRK	WK2277	2012	7	Pd#6A rolled, heated in flame, coated with Ni+Pd, in calorimeter	7/7/12
30WRK	WK2278	2012	7	New apparatus	7/19/12
30WRK	WK2279	2012	7	Pd#8U rolled, coated weith Ni, Pd, in calorimeter	7/19/12
30WRK	WK2280	2012	7	removed, H/Pd=0.72	7/22/12
30WRK	WK2281	2012	7	Pd#7A rolled, heated in flame, coated with Ni+Pd, reacted in calori.	7/28/12
30WRK	WK2282	2012	8	calorimeter repaired	8/9/12
30WRK	WK2283	2012	8	tested with Co60 source	8/10/12
30WRK	WK2284	2012	8	Ni+CO heated with H2 in calori.	8/10/12
30WRK	WK2285	2012	8	Pd#7A replated	8/11/12
30WRK	WK2286	2012	8	Pd#3U rolled, boiled in HCL, heated in flame, heated in H2, coated with Ni	8/11/12
30WRK	WK2287	2012	8	in calorimeter, heated in H2	8/11/12
30WRK	WK2288	2012	8	Aerogel heated in flame, mixed with Ni formate, heated in H2	8/13/12
30WRK	WK2289	2012	8	Pd#2U rolled, heated in flame, plated with Cr, Pd, radiation sought	8/14/12
30WRK	WK2290	2012	8	Inside GM replaced	8/16/12
30WRK	WK2291	2012	8	Pd#2U#1 heated in vac- radiation detected	8/17/12
30WRK	WK2292	2012	8	H2 reacted, heated in steps	8/18/12
30WRK	WK2293	2012	8	heated rapidly	8/19/12
30WRK	WK2294	2012	8	removed, several small cracks, bent	8/20/12
30WRK	WK2295	2012	8	Ni rolled, heated in H2	8/20/12
30WRK	WK2296	2012	8	SiO2 colloid applied	8/21/12
30WRK	WK2297	2012	8	Pd powder fused, rolled, hreated in NaOH+LiCl, electrolyzed, H/Pd=0.76	8/22/12
30WRK	WK2298	2012	8	sputter coated with Ti	8/22/12
30WRK	WK2299	2012	8	heated in H2	8/22/12
30WRK	WK2300	2012	8	in vac , slowly lost H2	8/23/12
30WRK	WK2301	2012	8	part#1 of sampke in apparatus	8/23/12
30WRK	WK2302	2012	8	cooled in H2, H/Pd=0.72	8/24/12
30WRK	WK2303	2012	8	part #2 in apparatus	8/25/12
30WRK	WK2304	2012	8	heated in H2, radiation sought	8/27/12

30WRK	WK2305	2012	8	Cu plate cleaned by electrolysis, plated with Pd using PdCl2+LiCl	8/28/12
30WRK	WK2306	2012	8	in apparatus	8/29/12
30WRK	WK2307	2012	8	Cu #2 cleaned by electrolysis, plated with Pd, Pd flaked off	8/29/12
30WRK	WK2308	2012	8	removed	8/30/12
30WRK	WK2309	2012	8	Cu-Pdheated in H2, radiation sought	8/30/12
30WRK	WK2310	2012	8	polished, cleaned, replated	8/30/12
30WRK	WK2311	2012	8	removed, 3%Pd on carbon heated in H2	8/31/12
30WRK	WK2312	2012	9	GM detectors changed	9/1/12
30WRK	WK2313	2012	9	#3 of fused Pd, cleaned, plkated with Ni, Pd, Ni, Pd	9/1/12
30WRK	WK2314	2012	9	delaminated	9/2/12
30WRK	WK2315	2012	9	Cu polished, cleaned, plated with Ni, Pd, Ni, Pd	9/2/12
30WRK	WK2316	2012	9	in apparatus	9/2/12
30WRK	WK2317	2012	9	calorimeter calibrated	9/2/12
30WRK	WK2318	2012	9	Cu polished, cleaned, plated with Pd,Au,Pd	9/3/12
30WRK	WK2319	2012	9	removed	9/4/12
30WRK	WK2320	2012	9	in apparatus	9/4/12
30WRK	WK2321	2012	9	Cu polished, cleaned, plated with Pd using magnet	9/4/12
30WRK	WK2322	2012	9	removed	9/5/12
30WRK	WK2323	2012	9	in apparatus	9/5/12
30WRK	WK2324	2012	9	removed	9/6/12
30WRK	WK2325	2012	9	Cu cleaned and plated with Pd	9/6/12
30WRK	WK2326	2012	9	electrolyzed in LiCl+Au, in apparatus	9/7/12
30WRK	WK2327	2012	9	Cu cleaned and plated with Pd	9/7/12
30WRK	WK2328	2012	9	removed	9/8/12
30WRK	WK2329	2012	9	coated with Ni, in apparatus	9/8/12
30WRK	WK2330	2012	9	Cu cleaned and plated with Pd	9/8/12
30WRK	WK2331	2012	9	removed	9/9/12
30WRK	WK2332	2012	9	in apparatus using vac	9/9/12
30WRK	WK2333	2012	9	Cu cleaned and plated with Pd	9/9/12
30WRK	WK2334	2012	9	removed	9/10/12
30WRK	WK2335	2012	9	Cu cleaned and sputter plated with Pd + Ti	9/10/12
30WRK	WK2336	2012	9	Cu cleaned and plated with Pd	9/10/12
30WRK	WK2337	2012	9	G75E catalyst wet with H2O, heated in vac to dry, in apparatus	9/10/12
30WRK	WK2338	2012	9	heated in air, heated in H2	9/11/12
30WRK	WK2339	2012	9	in apparatus, no radiation	9/13/12
30WRK	WK2340	2012	9	Cu cleaned and plated with Ni	9/14/12

30WRK	WK2341	2012	9	Ni cleaned, plated with Cu	9/14/12
30WRK	WK2342	2012	9	heated in vac	9/15/12
30WRK	WK2343	2012	9	removed	9/15/12
30WRK	WK2344	2012	9	heated in vac, in apparatus, radiation detected	9/15/12
30WRK	WK2345	2012	9	Ni cleaned, plated with Cu	9/15/12
30WRK	WK2346	2012	9	absorbers used	9/16/12
30WRK	WK2347	2012	9	heated @406° for various times. Color changed	9/16/12
30WRK	WK2348	2012	9	Aerogell in apparatus	9/17/12
30WRK	WK2349	2012	9	in apparatus using vac	9/17/12
30WRK	WK2350	2012	9	removed	9/18/12
30WRK	WK2351	2012	9	heated in vacuum	9/19/12
30WRK	WK2352	2012	9	Ni rolled, cleaned, plated with Ag	9/19/12
30WRK	WK2353	2012	9	Ni rolled, cleaned pkated with Cu, heated in vac	9/19/12
30WRK	WK2354	2012	9	Formrex Ni fiber cleaned. Plated with Cu	9/19/12
30WRK	WK2355	2012	9	in apparatus	9/20/12
30WRK	WK2356	2012	9	exposed to frequency	9/21/12
30WRK	WK2357	2012	9	radiation tested	9/22/12
30WRK	WK2358	2012	9	Ni sheet inserted	9/23/12
30WRK	WK2359	2012	9	heated in vac	9/25/12
30WRK	WK2360	2012	9	fan found to accumulate radioacive material on apparatus	9/27/12
30WRK	WK2361	2012	9	Ni-Cu-Pd heated in H2 - removed	9/28/12
30WRK	WK2362	2012	9	in apparatus	9/29/12
30WRK	WK2363	2012	9	removed	9/30/12
30WRK	WK2364	2012	9	in apparatus	9/30/12
30WRK	WK2365	2012	9	Aerogell removed	9/30/12
30WRK	WK2366	2012	10	removed	10/1/12
30WRK	WK2367	2012	10	in apparatus	10/2/12
30WRK	WK2368	2012	10	removed	10/3/12
30WRK	WK2369	2012	10	in apparatus	10/3/12
30WRK	WK2370	2012	10	eBay Ni placed in Cu cell with Cu discs, heated in vacuum, H2, CO added	10/3/12
30WRK	WK2371	2012	10	heating continued- in apparatus	10/6/12
30WRK	WK2372	2012	10	Pd#71 rolled, heated in vac and H2, sputter coated with Ni+Pd	10/15/12
30WRK	WK2373	2012	10	in apparatus	10/18/12
30WRK	WK2374	2012	10	removed	10/20/12
30WRK	WK2375	2012	10	Ni sheet coated with Cu. Heated at varioys temperatures	10/20/12

30WRK	WK2376	2012	10	heating continued	10/21/12
30WRK	WK2377	2012	10	Reacted with H2	10/22/12
30WRK	WK2378	2012	10	heating continued	10/23/12
30WRK	WK2379	2012	10	in apparatus	10/24/12
30WRK	WK2380	2012	10	Ni cleaned with NaOH, coated with Cu, heated in vac	10/24/12
30WRK	WK2381	2012	10	heating continued	10/25/12
30WRK	WK2382	2012	10	in apparatus	10/26/12
30WRK	WK2383	2012	10	removed	10/27/12
30WRK	WK2384	2012	10	heated in H2	10/27/12
30WRK	WK2385	2012	10	heated in vac	10/30/12
30WRK	WK2386	2012	10	heated in H2	10/31/12
30WRK	WK2387	2012	11	cooled, Pd detached	11/1/12
30WRK	WK2388	2012	11	Pd sputter plated on onbe side	11/2/12
30WRK	WK2389	2012	11	removed, Pd remainbed attached	11/4/12
30WRK	WK2390	2012	12	sample rolled and heated in H2, H2 pumped out -no rsdiation	12/2/12
30WRK	WK2391	2012	12	Pd#51 heated in flame, cleaned in AR, heated in flame, rolled, heat in vac	12/5/12
30WRK	WK2392	2012	12	heated in H2	12/7/12
30WRK	WK2393	2012	12	Ni rolled , cleaned in NaOH, coated with Cu,heated in H2, heated in vac	12/7/12
30WRK	WK2394	2012	12	sample rolled, heated in H2	12/13/12
30WRK	WK2395	2012	12	Ni sheet cleaned	12/15/12
30WRK	WK2396	2012	12	calorimeter calibrated	12/23/12
30WRK	WK2397	2012	12	1 mm Ni polished. Cu plated, heated in flame, cleaned, Cu plated	12/23/12
30WRK	WK2398	2012	12	Bob Huggin's sample Ni-55.1%, Fe-7.86%, O-33.2%, C-3.78%	12/26/12
30WRK	WK2399	2012	12	heated H2, reanalyzed, oxygen content reduced, gained wt in air	12/26/12
30WRK	WK2400	2012	12	Polished Ni coated with Cu	12/27/12
30WRK	WK2401	2012	12	Ni sheet plated with Pd, heated in various conditions, Pd/Ni changed	12/27/12
30WRK	WK2402	2013	7	Various Pd sanmpes in calorimeter and reacted with H2	7/22/13
30WRK	WK2403	2013	7	Ni sheet heated in vac and in H2, no reaction	8/15/13
30WRK	WK2404	2013	8	Ni plated with Pd, heated in vac at various temperatures	8/16/13
30WRK	WK2405	2013	8	Heated in H2, no reaction	8/19/13
30WRK	WK2406	2013	8	Sample plated with Pd, heated in H2	8/20/13
30WRK	WK2407	2013	8	plated with Cu	8/20/13
30WRK	WK2408	2013	8	heated and cooled in H2	8/21/13
30WRK	WK2409	2013	8	heated in H2, heated in vac	8/21/13

30WRK	WK2410	2013	8	heated in H2	8/22/13
30WRK	WK2411	2013	8	heated in H2	8/22/13
30WRK	WK2412	2013	8	heated in vac	8/23/13
30WRK	WK2413	2013	8	heated in vac	8/23/13
30WRK	WK2414	2013	8	heated in H2	8/24/13
30WRK	WK2415	2013	8	heated in H2	8/24/13
30WRK	WK2416	2013	8	loses weight rapidly	8/25/13
30WRK	WK2417	2013	8	Dot 8 cleaned in HNO3, plated with Cu. Heated in vac, heated in H2	8/25/13
30WRK	WK2418	2013	8	Si sputter on surface	8/25/13
30WRK	WK2419	2013	8	heated in H2, heated in vac	8/27/13
30WRK	WK2420	2013	8	heated in H2, heated in vac	8/28/13
30WRK	WK2421	2013	8	calorimeter calibrated	8/28/13
30WRK	WK2422	2013	9	calorimeter calibrated	9/1/13
30WRK	WK2423	2013	9	Ni dot3 heated on vac and H2	9/1/13
30WRK	WK2424	2013	9	blank run	9/2/13
30WRK	WK2425	2013	9	Nidot 7 cleaned, heated in air, Cu plated	9/2/13
30WRK	WK2426	2013	9	calorimeter calibrated	9/3/13
30WRK	WK2427	2013	9	run in H2	9/4/13
30WRK	WK2428	2013	9	heated in H2, oven shorted	9/4/13
30WRK	WK2429	2013	9	new oven	9/6/13
30WRK	WK2430	2013	9	Ni dot 7 cleaned, plated with Cu, heated in H2	9/7/13
30WRK	WK2431	2013	9	new oven calibrationn	9/7/13
30WRK	WK2432	2013	9	inside resistor calibrated	9/8/13
30WRK	WK2433	2013	9	in apparatus heated in H2, sputter coated with Si	9/9/13
30WRK	WK2434	2013	9	in apparatus	9/11/13
30WRK	WK2435	2013	9	Ni dot 5 cleaned, plated with Pd, heated in vac	9/11/13
30WRK	WK2436	2013	9	calorimeter calibrated	9/12/13
30WRK	WK2437	2013	9	Pd dot1 cleaned, plated with Ni, plkated with Pd, Ni, heated in H2	9/17/13
30WRK	WK2438	2013	9	surface flaked off	9/19/13
30WRK	WK2439	2013	9	Pddot#2 cleaned, electrolyzed, H/Pd=0.69, coated with Ni+Pd, heated	9/21/13
30WRK	WK2440	2013	9	in apparatus under vac	9/21/13
30WRK	WK2441	2013	9	cell redesiged and calibrated	9/25/13
30WRK	WK2442	2013	9	Pd coated with Ni heated in vac	9/26/13
30WRK	WK2443	2013	9	Pddot#4 prepared	9/29/13
30WRK	WK2444	2013	9	heated in H2, heated in vac	9/30/13
30WRK	WK2445	2013	10	Pd+Ni+Cu heated in H2	10/2/13

30WRK	WK2446	2013	10	heated in H2	10/2/13
30WRK	WK2447	2013	10	heated in H2	10/6/13
30WRK	WK2448	2013	10	removed	10/6/13
30WRK	WK2449	2013	10	Pddot7 cleaned, heated in vac, loaded to H/Pd=0.66	10/7/13
30WRK	WK2450	2013	10	removed	10/10/13
30WRK	WK2451	2013	10	heated in H2	10/12/13
30WRK	WK2452	2013	10	Pddot#3 prepared, coated with Cu and Ni	10/12/13
30WRK	WK2453	2013	10	plated with Cu	10/12/13
30WRK	WK2454	2013	10	heated in H2	10/12/13
30WRK	WK2455	2013	10	heated in vacuum - H2	10/13/13
30WRK	WK2456	2013	10	heated in H2, heated in vac	10/14/13
30WRK	WK2457	2013	10	disacharge applied to sample	10/15/13
30WRK	WK2458	2013	10	discharge moved closer-magnet used- no reaction while discharge on	10/16/13
30WRK	WK2459	2013	10	Nidot#1, cleabned, plkated with Cu, heated and cooled in H2	10/19/13
30WRK	WK2460	2013	10	Pddot#5 cleaned. Heated in vac and in H2	10/23/13
30WRK	WK2461	2013	10	H2 added, exposed to discharge	10/24/13
30WRK	WK2462	2013	10	exposed to discharge	10/26/13
30WRK	WK2463	2013	10	heated and cooled in vac and H2-exposed to discharge	10/27/13
30WRK	WK2464	2013	10	exposed to discharge	10/27/13
30WRK	WK2465	2013	10	discharge electrode reduced inb diameter	10/29/13
30WRK	WK2466	2013	10	discharge on	10/30/13
30WRK	WK2467	2013	11	discharge on	11/1/13
30WRK	WK2468	2013	11	Pddot#6 cleaned, heated in flame, heated in vac	11/1/13
30WRK	WK2469	2013	11	plated with Ag	11/2/13
30WRK	WK2470	2013	11	SEM, heated in vac	11/4/13
30WRK	WK2471	2013	11	Apparatus calibrated with Cs137	11/8/13
30WRK	WK2472	2013	11	SEM of surface	11/9/13
30WRK	WK2473	2013	11	removed. H/Pd=0/68	11/14/13
30WRK	WK2474	2013	11	heated in vac ans H2	11/14/13
30WRK	WK2475	2013	11	Pd-Ag sandwich made, colloidal ZrO2 added. Melted in flame	11/15/13
30WRK	WK2476	2013	11	loaded-deloaded many times	11/28/13
30WRK	WK2477	2013	11	Pd-Ag sample rolled thin, heated in vac and H2	11/28/13
30WRK	WK2478	2013	12	heated and cooled in H2, heated in vac	12/13/13
30WRK	WK2479	2013	12	Pd powder +ZrO2 melted and rolled,electrolyzed, H/Pd=1.11 !!	12/20/13
30WRK	WK2480	2013	12	Pd+BN+Ag heated and rolled, ckeaned	12/20/13
30WRK	WK2481	2013	12	Pddot#1 electrolyzed, ecpansion measured	12/20/13

30WRK	WK2482	2013	12	expansion measured. 15.88%	12/21/13
30WRK	WK2483	2013	12	in apparatus, heated in H2	12/22/13
30WRK	WK2484	2014	1	Pddot#2 coated wuth Pd+Ni, heated in new oven	1/17/14
30WRK	WK2485	2014	1	Ni(internet) mixed with B powder, reacted in H2	1/17/14
30WRK	WK2486	2014	1	heated in vac	1/19/14
30WRK	WK2487	2014	1	in apparatus	1/26/14
30WRK	WK2488	2014	1	heated in vac, in D2+H2	1/30/14
30WRK	WK2489	2014	1	heated and cooled	1/31/14
30WRK	WK2490	2014	2	heated and cooled	2/7/14
30WRK	WK2491	2014	2	End of Journal #8	2/7/14
30WRK	WK2492	2014	2	Pd#36-loaded in SB-cell exploded-SEM	4/3/14
30WRK	WK2493	2014	5	calibration	5/5/14
30WRK	WK2494	2014	5	run at 0.5A-radiation from radon	5/9/14
30WRK	WK2495	2014	5	calibrated-calibration control program written	5/10/14
30WRK	WK2496	2014	5	stability tested	5/12/14
30WRK	WK2497	2014	5	calibrated	5/14/14
30WRK	WK2498	2014	5	cathode loaded and endotherm measured	5/15/14
30WRK	WK2499	2014	5	Pd dot2 melted-rolled-cur-HNO3-950°-in SB	5/17/14
30WRK	WK2500	2014	5	fan current increased	5/19/14
30WRK	WK2501	2014	5	cell exploded-GM distroyerd-Pd 1c made-heated @950°	5/20/14
30WRK	WK2502	2014	5	calibrated-Pd#1c in SB-loaded-weighed	5/21/14
30WRK	WK2503	2014	5	calibrated	5/22/14
30WRK	WK2504	2014	5	Pd dot 3 in cell	5/23/14
30WRK	WK2505	2014	5	loaded-weighted-heated@950°-Pd Dot4 in cell	5/26/14
30WRK	WK2506	2014	5	in SB-loaded @0.05 A	5/27/14
30WRK	WK2507	2014	5	wt. measured vs time	5/29/14
30WRK	WK2508	2014	5	Pd#70 rolled-950°-in SB-D/Pd=0.66-no blisters	5/29/14
30WRK	WK2509	2014	6	loaded @0.05A	6/13/14
30WRK	WK2510	2014	6	Pd dot4 in SB	6/14/14
30WRK	WK2511	2014	6	deloaded measured-D/Pd=0.73-@950° for 10 hr	6/14/14
30WRK	WK2512	2014	6	deloaded-weighed	6/15/14
30WRK	WK2513	2014	6	in SB-large cracks	6/15/14
30WRK	WK2514	2014	6	Ni(Ebay)mixed with B powder-heated in vac@250°-heated in H2@336°	6/22/14
30WRK	WK2515	2014	6	heated and cooled in H2	6/24/14
30WRK	WK2516	2014	6	leak fixed-reheated	6/25/14

30WRK	WK2517	2014	6	T cycled	6/26/14
30WRK	WK2518	2014	6	new cell in vac-bake out in vac	6/27/14
30WRK	WK2519	2014	6	H2 added-heated	6/28/14
30WRK	WK2520	2014	6	more H2 added	6/29/14
30WRK	WK2521	2014	6	run for 9 cycles	6/30/14
30WRK	WK2522	2014	7	cooled-Ni+Si mixed-baked out-H2 added-heated	7/1/14
30WRK	WK2523	2014	7	RTD repaired-Li getter instulled	7/4/14
30WRK	WK2524	2014	7	cooled-H2 added	7/5/14
30WRK	WK2525	2014	7	47 T cycles-evac while hot	7/9/14
30WRK	WK2526	2014	7	cooled in steps	7/12/14
30WRK	WK2527	2014	7	open to air-SEM-cell run empty	7/13/14
30WRK	WK2528	2014	7	Ni+Li metasl added-baked out-H2 added-heated to 327°-cycled	7/14/14
30WRK	WK2529	2014	7	cycled up to 400°	7/15/14
30WRK	WK2530	2014	7	off after 9 cycles-SEM	7/17/14
30WRK	WK2531	2014	7	Ni oxidized in air-evac-3 atm H2 added-heated to 460°	7/19/14
30WRK	WK2532	2014	7	off-SEM	7/20/14
30WRK	WK2533	2014	7	Ni-NiO -H2 added-heated 14 cycles	7/22/14
30WRK	WK2534	2014	7	heated in H2_H2O	7/23/14
30WRK	WK2535	2014	7	weighed-reheated in H2+H2O	7/24/14
30WRK	WK2536	2014	7	weighed-arrest upon cooling-reheated in H2+H2O	7/25/14
30WRK	WK2537	2014	7	weighed-reheated in H2+H2O	7/26/14
30WRK	WK2538	2014	7	valve leaked	7/28/14
30WRK	WK2539	2014	7	leak fixed-heated in H2+H2O-radiation produced-weighed	7/29/14
30WRK	WK2540	2014	7	new e-bay Ni-heated in H2+H2O-cycled	7/31/14
30WRK	WK2541	2014	8	value to H2O closed	8/4/14
30WRK	WK2542	2014	8	off-weighed-program modified-Ni+NiO added-heated in H2O+CO+H2	8/5/14
30WRK	WK2543	2014	8	weighed-SEM-heated in vac	8/7/14
30WRK	WK2544	2014	8	weighed-H2 added-heated	8/8/14
30WRK	WK2545	2014	8	H2 added	8/10/14
30WRK	WK2546	2014	8	Ni+Pd(NO3)2 made	8/12/14
30WRK	WK2547	2014	8	gas composition measured-heated in vac	8/16/14
30WRK	WK2548	2014	8	weighed	8/17/14
30WRK	WK2549	2014	8	heated in vac-heated in H2-resistance of power measured	8/17/14
30WRK	WK2550	2014	8	removed-lightly sintered-no reaction with Ni	8/22/14
30WRK	WK2551	2014	10	Si discs made-plated with Pd or Ni-weighed	10/30/14

30WRK	WK2552	2014	10	pump oil changed	10/31/14
30WRK	WK2553	2014	11	Si+Pd#4-evac-heated in H2-delaminated	11/1/14
30WRK	WK2554	2014	11	Si+Pd#2-heated in vac-SEM-cycled in H2-SEM-not delaminated	11/2/14
30WRK	WK2555	2014	11	Si-Pd#1-heated in vac-SEM	11/3/14
30WRK	WK2556	2014	11	cycled in H2-SEM	11/4/14
30WRK	WK2557	2014	11	Si-Pd#3-heated in vac-delaminated-SEM	11/4/14
30WRK	WK2558	2014	11	Si-Pd#6-heated in vac-SEM-not delaminated	11/5/14
30WRK	WK2559	2014	11	cycled in H2-SEM-Si+Pd#8 heated in vac-delaminated	11/6/14
30WRK	WK2560	2014	11	Si-Pd#7 heated in vac-delaminated-SEM-Si-Pd#9 heated in vac-SEM-Ni deposited	11/8/14
30WRK	WK2561	2014	11	heated in H2-radiation burst-SEM-Pd deposited-heated in H2-delaminated	11/11/14
30WRK	WK2562	2014	11	stainless steel cleaned-plated with Ni and Pd-heated in vac-not bonded	11/13/14
30WRK	WK2563	2014	11	Pd rolled-heated @900°-SEM-Ni plated on side-SEM	11/14/14
30WRK	WK2564	2014	11	Pd plated one side-SEM-Ni plated one side-SEM-heated in vac-heated in H2	11/14/14
30WRK	WK2565	2014	11	SEM-no cracks-Cr plated on oneside-SEM-cycled in H2	11/16/14
30WRK	WK2566	2014	11	SEM-heated to melting with torch	11/17/14
30WRK	WK2567	2014	11	discharge apparatus made-Pd studied	11/21/14
30WRK	WK2568	2014	11	polarity reversed-run at 10 torr	11/22/14
30WRK	WK2569	2014	11	run at various currents	11/23/14
30WRK	WK2570	2014	11	active region in pressure cell-D2 cycled-SEM	11/24/14
30WRK	WK2571	2014	11	Ni in discharge cell-SEM	11/25/14
30WRK	WK2572	2014	11	Ni in discharge	11/26/14
30WRK	WK2573	2014	11	SEM	11/27/14
30WRK	WK2574	2014	11	1/8" removed from Pd emitter-SEM	11/28/14
30WRK	WK2575	2014	11	heated with torch-SEM	11/29/14
30WRK	WK2576	2014	12	Powder B on Pd tube in discharge	12/3/14
30WRK	WK2577	2014	12	discharge off-SEM-heated in D2-cycled	12/4/14
30WRK	WK2578	2014	12	Li in Pd tube in emitter-Cu target-discharge in D2-SEM	12/4/14
30WRK	WK2579	2014	12	heated to 150°	12/6/14
30WRK	WK2580	2014	12	SEM	12/7/14
30WRK	WK2581	2014	12	Li in Pd tube-Cu#2-discharge in D2	12/7/14
30WRK	WK2582	2014	12	Pd-B discharge in D2-Cu target	12/7/14
30WRK	WK2583	2014	12	heat cycled to 160°-SEM	12/10/14
30WRK	WK2584	2014	12	SEM-Cui-Pd discharge in D2-SEM	12/10/14

30WRK	WK2585	2014	12	Pd discharge in D2	12/11/14
30WRK	WK2586	2014	12	Pd discharge in D2-SEM	12/12/14
30WRK	WK2587	2014	12	Pd-Si discharge in D2-SEM	12/13/14
30WRK	WK2588	2014	12	Pd-Si discharge in D2-SEM	12/14/14
30WRK	WK2589	2014	12	sample heated-SEM-many cracks	12/15/14
30WRK	WK2590	2014	12	Pd+Si discharge in Ar-SEM	12/16/14
30WRK	WK2591	2014	12	SEM-returned to discharge	12/17/14
30WRK	WK2592	2014	12	GM tested with Co60	12/17/14
30WRK	WK2593	2014	12	SEM	12/18/14
30WRK	WK2594	2014	12	Cu-Pd-Si-discharge in air-SEM	12/18/14
30WRK	WK2595	2014	12	in heater	12/19/14
30WRK	WK2596	2014	12	sputter redesigned-Cu-Pd-Si-Ar-discharge-SEM	12/20/14
30WRK	WK2597	2014	12	cycled in heater-SEM	12/21/14
30WRK	WK2598	2014	12	Cu-Pd-RE-Ar discharge	12/23/14
30WRK	WK2599	2014	12	uniform discharge-	12/24/14
30WRK	WK2600	2014	12	SEM	12/25/14
30WRK	WK2601	2014	12	run empty	12/27/14
30WRK	WK2602	2015	1	Pd-Cu-Li-D2 discharge-GM used	1/2/15
30WRK	WK2603	2015	1	H2 removed-D2 added-radiation measured	1/4/15
30WRK	WK2604	2015	1	vacuum	1/8/15
30WRK	WK2605	2015	1	D2 added-cycle continued	1/10/15
30WRK	WK2606	2015	1	Cu-Pd-Si coated with Cr-discharge	1/13/15
30WRK	WK2607	2015	1	Pd-Li in D2 discharge	1/14/15
30WRK	WK2608	2015	1	Ni255 mixed with Si and pressed on Cu-heated with H2	1/15/15
30WRK	WK2609	2015	1	SEM	1/16/15
30WRK	WK2610	2015	1	in heater	1/18/15
30WRK	WK2611	2015	1	removed	1/20/15
30WRK	WK2612	2015	1	Cu-Pd-Li-D2 discharge-SEM	1/23/15
30WRK	WK2613	2015	1	paper and Al foil over GM	1/30/15
30WRK	WK2614	2015	1	stainless steel plated with Pd-plated with Al	1/31/15
30WRK	WK2615	2015	2	Ni screen discharged-SEM	2/2/15
30WRK	WK2616	2015	2	Ni sheet discharged-SEM	2/9/15
30WRK	WK2617	2015	2	Ni plated with Pd-heated @ 900°-SEM	2/12/15
30WRK	WK2618	2015	2	sample in heater with D2-SEM	2/15/15
30WRK	WK2619	2015	2	Dual laser study started	2/22/15
30WRK	WK2620	2015	2	Pd plated with Ni-heated in H2-SEM	2/26/15

30WRK	WK2621	2015	3	Pd plated with Ni-heated-SEM	3/2/15
30WRK	WK2622	2015	3	Ni plated with Pd-heated-no radiation-SEM	3/4/15
30WRK	WK2623	2015	3	SB calorimeter started-calibrated	3/10/15
30WRK	WK2624	2015	3	Pd#59 rolled with Si powder-loaded-deloaded in cell-SEM	3/11/15
30WRK	WK2625	2015	3	Pd#59 rolled thinner-loaded-deloaded	3/14/15
30WRK	WK2626	2015	3	repeat--sample melted together-rolled and cleaned-SEM	3/17/15
30WRK	WK2627	2015	3	heated in air-loaded-deloaded-SEM	3/18/15
30WRK	WK2628	2015	3	Pd#52 heated in Air-in SEM-loaded-deloaded-SEM	3/24/15
30WRK	WK2629	2015	3	rolled-SEM-in SEM-loaded -SEM	3/26/15
30WRK	WK2630	2015	3	Pd#57 plated with Pt-SEM-heated @900°-SEM-loaded-SEM	3/27/15
30WRK	WK2631	2015	4	in SB-loaded-deloaded-SEM	4/1/15
30WRK	WK2632	2015	4	in storage	4/3/15
30WRK	WK2633	2015	4	Pd#29 melted and rolled-SEM	4/3/15
30WRK	WK2634	2015	4	in SB-loaded-deloaded	4/4/15
30WRK	WK2635	2015	4	calibrated-Pd#36 plated with Pt-SEM-deloaded-new fan	4/6/15
30WRK	WK2636	2015	4	repeat	4/9/15
30WRK	WK2637	2015	4	Pd#58-loaded and deloaded in SB-deladed @200°-reloaded	4/15/15
30WRK	WK2638	2015	4	oil density =0.87 g/cm3	4/16/15
30WRK	WK2639	2015	4	cell exploded-loaded-D/Pd=0.83	4/17/15
30WRK	WK2640	2015	4	Pd#22-loaded using H2O-vol measured-deloaded-vol measured-loaded	4/18/15
30WRK	WK2641	2015	4	Pd#58 continued-loaded-deloaded-vol measured	4/19/15
30WRK	WK2642	2015	4	deloaded-H/Pd=0.87	4/21/15
30WRK	WK2643	2015	4	deloaded-H/Pd=0.92-vol measured-deloaded @200°	4/22/15
30WRK	WK2644	2015	4	loaded-deloaded-vol measured	4/22/15
30WRK	WK2645	2015	4	loaded-deloaded-vol measured	4/23/15
30WRK	WK2646	2015	4	new D2O electrolyte-Pd#36 loaded	4/23/15
30WRK	WK2647	2015	4	SEM-heated in air @900°	4/24/15
30WRK	WK2648	2015	4	Pd#28-SEM-vol measured	4/24/15
30WRK	WK2649	2015	4	Pd#36 reloaded-SEM	4/25/15
30WRK	WK2650	2015	4	Pd#22 loaded in D2O-cell exploded-reloaded	4/27/15
30WRK	WK2651	2015	4	loaded-cell exploded-heated at 200°-vol measured	4/29/15
30WRK	WK2652	2015	5	SEM-in SB-loaded-vol measured	5/3/15
30WRK	WK2653	2015	5	Pd#58 loaded with D-vol measured-deloaded-SEM	5/4/15
30WRK	WK2654	2015	5	SEM-loaded and deloaded in cell	5/6/15
30WRK	WK2655	2015	5	Pd#36 polished-rolled-heated @900°-loaded-in storage	5/6/15

30WRK	WK2656	2015	5	New electrolyte	5/7/15
30WRK	WK2657	2015	5	Pd#58-in SB-loaded-Pd#58 cleaned-heated @900°	5/9/15
30WRK	WK2658	2015	5	loaded-D/Pd=0.72	5/11/15
30WRK	WK2659	2015	5	SEM	5/12/15
30WRK	WK2660	2015	8	new SB calorimeter-new DA	8/1/15
30WRK	WK2661	2015	8	calibration and test	8/2/15
30WRK	WK2662	2015	8	test with internal heater	8/3/15
30WRK	WK2663	2015	8	Pd+Ag#1 made-cut into 3 pieces	8/4/15
30WRK	WK2664	2015	8	Pd#3 prepared with no Ag	8/4/15
30WRK	WK2665	2015	8	fan changed-# points taken changed	8/5/15
30WRK	WK2666	2015	8	#1.1 and #1.2 prepared	8/7/15
30WRK	WK2667	2015	8	#3.1 and #3.2 prepared	8/7/15
30WRK	WK2668	2015	8	resistor in cell used to calibrate	8/7/15
30WRK	WK2669	2015	8	#1.3 prepared-Pd+Ag#2 prepared-cut into 2 pieces	8/8/15
30WRK	WK2670	2015	8	SEM of 3.3	8/8/15
30WRK	WK2671	2015	8	CTB changed-Pt cathode run	8/8/15
30WRK	WK2672	2015	8	SEM of Pt cathode	8/9/15
30WRK	WK2673	2015	8	Pd+Ag#1-loaded-excess at 2.5A-vol measured-blisters	8/10/15
30WRK	WK2674	2015	8	Pd-Ag#2 in SB-program includs GM BG-current increased in steps-vol.-excess	8/12/15
30WRK	WK2675	2015	8	Pd-Ag#4 made-Pd-Ag#3 in SB-system crashed-deloaded-vol. measured	8/13/15
30WRK	WK2676	2015	8	Pd-Ag#1 -SEM cracks and blisters	8/14/15
30WRK	WK2677	2015	8	SEM-900°-surface blisters	8/14/15
30WRK	WK2678	2015	8	Pd-Ag#1 remelted-rolled-NHO3-900°-blisters	8/14/15
30WRK	WK2679	2015	8	Pt cleaned in HNO3-GM calibrated	8/15/15
30WRK	WK2680	2015	8	Pd-Ag#4 loaded-RC failed-deloaded-vol.-rememted in H2+O2-rolled-900°-vol.-SEM	8/16/15
30WRK	WK2681	2015	8	Pd-Ag#5 prep-900°-vol.-SEM	8/17/15
30WRK	WK2682	2015	8	Pd-Ag#6 prep-900°-vol.-SEM	8/18/15
30WRK	WK2683	2015	8	Pd-Ag#7 prep-remelted in H2+O2	8/18/15
30WRK	WK2684	2015	8	calibration	8/19/15
30WRK	WK2685	2015	8	Pd-Ag#4 remelted using H2+O2-SEM	8/20/15
30WRK	WK2686	2015	8	Pd-Ag#7-SEM-cut to size-900°-vol.-SEM	8/21/15
30WRK	WK2687	2015	8	Pd-Ag#5 loaded-deloaded-vol.	8/21/15
30WRK	WK2688	2015	8	relay in current circuit-DA system modified	8/23/15

30WRK	WK2689	2015	8	Pd-Ag#5 repeat-OCV modified-SEM-deloaded-vol.	8/25/15
30WRK	WK2690	2015	8	Pt calibration-heater calibration-OCV-light bulb used	8/27/15
30WRK	WK2691	2015	8	A1-B4#91-new electrolyte	8/29/15
30WRK	WK2692	2015	8	Pd-Ag#6 loaded-new electrolyte-OCV studied-SEM	8/29/15
30WRK	WK2693	2015	8	900°-vol	8/30/15
30WRK	WK2694	2015	8	Pt-Pd made-900°-SEM-Pd(claytor)A made	8/30/15
30WRK	WK2695	2015	9	Pt calibratio-cell T calibtrated-dewar in CTB	9/1/15
30WRK	WK2696	2015	9	Pt calibration-	9/5/15
30WRK	WK2697	2015	9	Pd(claytor)A loaded to D/Pd=0.98-deloaded in cell-reloaded-cell exploded-excess	9/7/15
30WRK	WK2698	2015	9	calibration-SEM-deloaded at 150°-temp. increased-GM studied	9/7/15
30WRK	WK2699	2015	9	Pd#36-SEM	9/12/15
30WRK	WK2700	2015	9	Pt calibration-window over hole in SB	9/14/15
30WRK	WK2701	2015	9	Pd(claytor)B prep.-Pd(claytor) C prep.	9/15/15
30WRK	WK2702	2015	9	Pd(claytor)B loaded-new internal heater-1/8 Al over GM-	9/16/15
30WRK	WK2703	2015	9	heater on-vol-removed	9/17/15
30WRK	WK2704	2015	9	Pd(claytor)C loaded	9/17/15
30WRK	WK2705	2015	9	Pd(claytor)SEM @20 keV and 5 keV-HNO3-900°-vol	9/18/15
30WRK	WK2706	2015	9	leat to resistor replaired-Al over GM-0.1Aapplied	9/18/15
30WRK	WK2707	2015	9	heater on-excess increased-heater container broke-sample covered by oil-HNO3	9/19/15
30WRK	WK2708	2015	9	deloaded at 150°-vol,-900°-vol	9/19/15
30WRK	WK2709	2015	9	new electrolyte-new heater-cell cleaned-calibrated	9/20/15
30WRK	WK2710	2015	9	Pd(calaytor)B loaded-power cycled-removed-Vol-recombiner changed	9/22/15
30WRK	WK2711	2015	9	current cycled	9/24/15
30WRK	WK2712	2015	9	removed-covered with oil-cell cleaned-new resistor-cleaned in HNO3-new electrolyte	9/27/15
30WRK	WK2713	2015	9	loaded-heated in stages-removed-SEM	9/28/15
30WRK	WK2714	2015	9	deloaded @150°-loaded-GM modified to eliminate T effect	9/29/15
30WRK	WK2715	2015	10	loaded-T increased-magnet in-laser on -	10/1/15
30WRK	WK2716	2015	10	heater off-removed-deladed@150°-vol-light bulb calibration-Pd(claytor)B in cell	10/2/15
30WRK	WK2717	2015	10	heater changed-loaded-deloaded in vac-hjeater repaired	10/2/15
30WRK	WK2718	2015	10	checked for leak-T changed to chang EP-radiation-D/Pd-0.89	10/4/15
30WRK	WK2719	2015	10	H2O+Li electrolyte-Pd(claytor)B loaded to D/Pd=0.69-deloaded-calibrated	10/7/15

30WRK	WK2720	2015	10	D2O+Li electrolyte used-loaded-repeate deload	10/8/15
30WRK	WK2721	2015	10	Pd(claytor)C-loaded-magnet-radiation bursts-deloaded-loaded-heated-EP	10/11/15
30WRK	WK2722	2015	10	calibrated	10/11/15
30WRK	WK2723	2015	10	900°-vol-SEM	10/12/15
30WRK	WK2724	2015	10	magnet in-SEM	10/15/15
30WRK	WK2725	2015	10	2%Ag in Pd sample made-SEM-1%Li in Pd sample made-SEM	10/15/15
30WRK	WK2726	2015	10	Al cell calibrated	10/15/15
30WRK	WK2727	2015	10	Pd-B in Al cell-loaded-renived-SEM-many large cracks	10/16/15
30WRK	WK2728	2015	10	new computer-Al cell calibrated with Pt-electrolysis-heater-extra energy	10/18/15
30WRK	WK2729	2015	10	New electrolyte in Pyrex cell-calibrated-GMx20	10/19/15
30WRK	WK2730	2015	10	Pd2%Ag in SB-loaded-vol	10/21/15
30WRK	WK2731	2015	10	Pd1%Li in SB-removed-900°-vol-leak in cell repaired-Pd2%Ag repeat	10/23/15
30WRK	WK2732	2015	10	Pd-0.5%Ag made, dot 1 and 2-Dot 1 loaded-T cycle-HNO3-boron on surface-900°-SEM	10/28/15
30WRK	WK2733	2015	10	surface cleaned with wire brush-B powder appiied-@900°-cooled in D2-vol	10/29/15
30WRK	WK2734	2015	10	Pd0.5%Agdot2-loaded-cell exploded-deloaded-SEM-boron on surface-900°-SEM	10/30/15
30WRK	WK2735	2015	11	returned to SB-calibrated-deloaded	11/5/15
30WRK	WK2736	2015	11	Pd@%Agdot2+B-loaded-heated-revers current cycle-deload-SEM	11/7/15
30WRK	WK2737	2015	11	Pt calibration	11/8/15
30WRK	WK2738	2015	11	Pd0.5%Ag+B loaded-burst of radiation-slight EP-heater failed-vol	11/9/15
30WRK	WK2739	2015	11	new heater-calibrated-	11/11/15
30WRK	WK2740	2015	11	calibrated with Pt	11/12/15
30WRK	WK2741	2015	11	Pd rod cleaned, electrolyzed	11/13/15
30WRK	WK2742	2015	11	Pd0.5Ag+Bdot1 loaded-much radiation-	11/13/15
30WRK	WK2743	2015	11	SEM	11/15/15

Appendix D1. Storms Computer (Round 1) Files: SF1

Comp	No	Yr	Mo	Folder or File*	Notes
41SF1	1SF1	2008	7	OLD DATA: DAQ	
41SF1	1SF2	2007	4	OLD DATA: Gas Discharge	
41SF1	1SF3	2012	12	OLD DATA: 12/7/2012	
41SF1	1SF4	2012	12	OLD DATA: 12/7/12 (original)	
41SF1	1SF5	2012	10	OLD DATA: 10/24/12	
41SF1	1SF6	2005	2	OLD DATA: 2005	
41SF1	1SF7	2006	11	OLD DATA: 2006	
41SF1	1SF8	2007	3	OLD DATA: 2007	
41SF1	1SF9	2008	1	OLD DATA: 2008	
41SF1	1SF10	2009	1	OLD DATA: 2009	
41SF1	1SF11	2003	4	OLD DATA: Calorimeter studies 2004.spanned	
41SF1	1SF12	2013	8	OLD DATA: Dot Ni+cu(8-29-13)	
41SF1	1SF13	2014	6	OLD DATA: Ni powder SEM	
41SF1	1SF14	2015	2	OLD DATA: Ni-Pd-Al-Li	
41SF1	1SF15	2007	6	OLD DATA: Optical Spectrum	
41SF1	1SF16	2014	10	OLD DATA: Pd on Si disc study	
41SF1	1SF17	2007	3	OLD DATA: Pd-B	
41SF1	1SF18	2011	4	OLD DATA: Pd-Ni-Cu radiation	
41SF1	1SF19	2014	11	OLD DATA: sputtering discharge	
41SF1	1SF20	2009	10	DATA: (10/25/09)	
41SF1	1SF21	2009	11	DATA: 10/30/09	
41SF1	1SF22	2009	6	DATA: Laser #2	
41SF1	1SF23	2010	4	DATA: Letts	
41SF1	1SF24	2009	10	DATA: Seebeck	
41SF1	1SF25	2010	3	DATA: Seebeck design	
41SF1	1SF26	2010	5	DATA: Shanahan	
41SF1	1SF27	2010	1	DATA: THEORY OF LENR	
41SF1	1SF28	2012	5	Letts Data	
41SF1	1SF29	2014	5	SEEBECK CALORIMETER STUDY	
41SF1	1SF30	2015	7	Study using new calorimeter	

Appendix D2. Storms Computer (Round 2) Files: SF2

Comp	No	Yr	Mo	Folder or File*
42SF2	2SF1	2016	4	(4-17,29-16)
42SF2	2SF2	2016	3	9/7/15 A
42SF2	2SF3	2016	2	(4-17,29-16)
42SF2	2SF4	2016	1	9/7/15 A
42SF2	2SF5	2016	0	(4-17,29-16)
42SF2	2SF6	2016	-1	9/7/15 A
42SF2	2SF7	2015	8	Study using new calorimeter

Appendix D3. ZIP Disk and CD (Round 1) Files: ZCD

Comp	No	Yr	Mo	Item	Notes
43ZCD	ZC1	2003	6	1. ICCF-10	ZIP1. Presentation preparation. Also Short Course.
43ZCD	ZC2	2003	7	2. ABSTRACTS FOR ICCF-10	ZIP1. At time of conference
43ZCD	ZC3	1998	8	3. Ag on C study	ZIP1. Ron Jacobsen referenced
43ZCD	ZC4	2004	6	4. Agreement	Lattice Energy
43ZCD	ZC5	1992	12	5. Archive ARTICLES	ZIP4. Attachment A for expanded description. Incl. ICCF 1, 3-7.
43ZCD	ZC6	1997	3	6. Archive, GENERAL	ZIP4. Attachment B for expanded description. Incl EKS bio.
43ZCD	ZC7	2008	11	7. Austin.ppt	ZIP1. Case Study – Cold Fusion
43ZCD	ZC8	1999	9	8. CALORIMETER STUDY	ZIP1. Incl Design and Stirring Studies
43ZCD	ZC9	2001	8	9. Case Study	ZIP1. Les Case Study. Incl data, pictures, costs, progress repts, etc.
43ZCD	ZC10	1999	3	10. CURRENT ARTICLES	ZIP2. Attachment C for expanded description.
43ZCD	ZC11	1999	1	11. Digital Pictures	ZIP3. Attachment D for expanded description.
43ZCD	ZC12	2000	8	12. Ed's Website	ZIP1. HTML files and many figures.
43ZCD	ZC13	2002	8	13. EXECUTIVE SUMMARY OF LOW ENERGY	ZIP2. Captured for publications in case needed.
43ZCD	ZC14	2002	6	14. Introduction to LENR	ZIP2. Evaluate when opened.
43ZCD	ZC15	2003	2	15. LATTICE	ZIP2. Lattice Energy. Incl. Research Plan and Progress Reports
43ZCD	ZC16	2003	2	16. Lawsen	Lawsen means Larsen?
43ZCD	ZC17	2003	2	17. Lawsen 2/25/03	Lawsen means Larsen?
43ZCD	ZC18	2002	12	18. LETTS study	ZIP1. Na apparent report?
43ZCD	ZC19	2004	5	19. MEMO, SEM 5-16-04.doc	Examples of SEM Pictures
43ZCD	ZC20	2003	8	20. MILEY	CD2. Goes with #23.
43ZCD	ZC21	1996	11	21. MILEY data	ZIP1. Goes with #23.
43ZCD	ZC22	2004	8	22. Miley pictures	ZIP1. Goes with #23.

43ZCD	ZC23	2003	8	23.	Miley study	ZIP1. Lew Larsen, George Miley. Incl Progress Report 10/03.
43ZCD	ZC24	2000	10	24.	MILEY TESTS	ZIP1. Goes with #23.
43ZCD	ZC25	1969	13	25.	Most physical phenomon ar.doc	Lattice Energy write-up
43ZCD	ZC26	1969	13	26.	Most physical phenomon(PW).doc	Lattice Energy write-up, with PW
43ZCD	ZC27	2003	12	27.	My history with cold fusion	ZIP2. See # 28.
43ZCD	ZC28	2003	12	28.	My history with cold fusion.pdf	ZIP2. No date in document. Saved for Publications.
43ZCD	ZC29	2002	7	29.	NAE copy	ZIP2. Submitted to Infinite Energy July 2002.
43ZCD	ZC30	2003	7	30.	new SB	CD2. JPG images
43ZCD	ZC31	1969	13	31.	Now that we are getting close t	Lattice Energy
43ZCD	ZC32	2003	6	32.	Papers for ICCF-10	ZIP1. Paper copied to folder
43ZCD	ZC33	2003	7	33.	Patent	ZIP1. A method to generate energy using the electrolytic process
43ZCD	ZC34	2003	7	34.	Patent, part 2	CD2. A method to generate energy using the electrolytic process
43ZCD	ZC35	1997	12	35.	Pd STUDY	ZIP1. Attachment E for expanded description.
43ZCD	ZC36	2000	9	36.	PERSONAL BIO	ZIP1. Two files
43ZCD	ZC37	2003	9	37.	Photo ion detector	CD2. Two JPGs
43ZCD	ZC38	2003	3	38.	pictures	CD2. Image files. Both LENR and family pix.
43ZCD	ZC39	2006	1	39.	PR 1/1/06	Lattice Energy Progress Report
43ZCD	ZC40	2006	2	40.	PR 2/1/06	Lattice Energy Progress Report
43ZCD	ZC41	2005	2	41.	PR 2/10/05	Lattice Energy Progress Report
43ZCD	ZC42	2006	1	42.	PR 3/01/06	Lattice Energy Progress Report
43ZCD	ZC43	2005	3	43.	PR 3/12/05	Lattice Energy Progress Report
43ZCD	ZC44	2006	4	44.	PR 4/1/06	Lattice Energy Progress Report
43ZCD	ZC45	2005	4	45.	PR 4/4/05	Lattice Energy Progress Report
43ZCD	ZC46	2005	5	46.	PR 5/15/05	Lattice Energy Progress Report
43ZCD	ZC47	2005	6	47.	PR 6/10/05	Lattice Energy Progress Report
43ZCD	ZC48	2005	6	48.	PR 6/17/05	Lattice Energy Progress Report
43ZCD	ZC49	2005	7	49.	PR 7/05(a)	Lattice Energy Progress Report
43ZCD	ZC50	2004	7	50.	PR 7/19/04 (Miley)	Lattice Energy Progress Report
43ZCD	ZC51	2004	8	51.	PR 8-19-04.doc	Lattice Energy Progress Report
43ZCD	ZC52	2004	8	52.	PR 8-19-04jpg pics.doc	Lattice Energy Progress Report
43ZCD	ZC53	2005	8	53.	PR 8-26-05.doc	Lattice Energy Progress Report
43ZCD	ZC54	2005	8	54.	PR 8/6/05.doc	Lattice Energy Progress Report

43ZCD	ZC55	2005	8	55.	PR 8/6/05pw.doc	Lattice Energy Progress Report
43ZCD	ZC56	2005	9	56.	PR 9-2-05.doc	Lattice Energy Progress Report
43ZCD	ZC57	2005	9	57.	PR 9-2-05pw.doc	Lattice Energy Progress Report
43ZCD	ZC58	2004	9	58.	PR 9/10/04.doc	Lattice Energy Progress Report
43ZCD	ZC59	2005	10	59.	PR 10/1/05	Lattice Energy Progress Report
43ZCD	ZC60	2005	11	60.	PR 11/1/05	Lattice Energy Progress Report
43ZCD	ZC61	2005	12	61.	PR 12-1-05	Lattice Energy Progress Report
43ZCD	ZC62	2004	2	62.	PR Pt 2/9/04	Lattice Energy Progress Report
43ZCD	ZC63	2004	8	63.	PR#8-29-04.doc	Lattice Energy Progress Report
43ZCD	ZC64	2003	10	64.	PR#10, 10-25-03(Miley)	Lattice Energy Progress Report
43ZCD	ZC65	2003	11	65.	PR#11, 11-03-03(H2SO4)	Lattice Energy Progress Report
43ZCD	ZC66	2004	12	66.	PR#12-18-04.doc	Lattice Energy Progress Report
43ZCD	ZC67	2004	12	67.	PR#12-24-04.doc	Lattice Energy Progress Report
43ZCD	ZC68	2003	12	68.	PR#12, 12-21-03	Lattice Energy Progress Report
43ZCD	ZC69	2004	1	69.	PR#13, 1-14-04	Lattice Energy Progress Report
43ZCD	ZC70	2006	1	70.	Progress Report 1-1-06.doc	Lattice Energy Progress Report
43ZCD	ZC71	2006	1	71.	Progress Report 1-1-06(PW).doc	Lattice Energy Progress Report
43ZCD	ZC72	2004	13	72.	PROGRESS REPORT(3).doc	Lattice Energy Progress Report. PW.
43ZCD	ZC73	2002	8	73.	Proof and proposal for LENR	?
43ZCD	ZC74	2003	3	74.	PROPOSED RESEARCH PLAN FOR LATT	Lattice Energy
43ZCD	ZC75	1969	13	75.	PROPOSED WORK FOR LATTICE	Lattice Energy
43ZCD	ZC76	2004	13	76.	Pt 2004	Lattice Energy
43ZCD	ZC77	2005	1	77.	Pt dot 1 1/2/05(a)	ZIP2. Lattice Energy
43ZCD	ZC78	2004	1	78.	Pt Dot 3	Lattice Energy
43ZCD	ZC79	2004	8	79.	Pt dot 3 all	ZIP1. Lattice Energy
43ZCD	ZC80	2004	8	80.	Pt Dot 3 pictures	Lattice Energy
43ZCD	ZC81	2004	7	81.	Pt dot 3 SEM	Lattice Energy
43ZCD	ZC82	2004	9	82.	Pt Dot 4	Lattice Energy
43ZCD	ZC83	2005	1	83.	Pt dot 6	Lattice Energy
43ZCD	ZC84	1969	13	84.	Pt Energy Production, Par.doc	Lattice Energy
43ZCD	ZC85	2004	11	85.	Pt study 2004 (empty)	ZIP1. Empty folder
43ZCD	ZC86	2005	1	86.	Pt vp Pd #1, 1/29/05(a)	ZIP2. Lattice Energy
43ZCD	ZC87	2005	2	87.	Pt vp Pd #2, 2/9/05(a)	ZIP2. Lattice Energy
43ZCD	ZC88	2005	11	88.	Pt(10-19-05)A	ZIP12 Lattice Energy
43ZCD	ZC89	2003	6	89.	Random Thoughts	LENR philosophical work
43ZCD	ZC90	2003	12	90.	SB data	Seebeck?

43ZCD	ZC91	1969	13	91. Seebeck picture.jpg	Seebeck diagrams and photos
43ZCD	ZC92	1969	13	92. Seebeck.jpg	Seebeck diagrams and photos
43ZCD	ZC93	1969	13	93. Seebeck#2, glued panels.jpg	Seebeck diagrams and photos
43ZCD	ZC94	1969	13	94. SEM overview.JPG	Seebeck diagrams and photos
43ZCD	ZC95	2003	4	95. Short Course	ZIP2. Valuable write-up
43ZCD	ZC96	2003	10	96. Small SB	ZIP2. Small Seebeck
43ZCD	ZC97	2002	6	97. STOCK TRADING	ZIP2. Apparently deleted file
43ZCD	ZC98	2003	8	98. Storms Introduction	ZIP2. ICCF-10 Short Course introduction
43ZCD	ZC99	2003	8	99. storms transript.doc	Interview by Steve Krivit
43ZCD	ZC100	2006	13	100.STORMS~4.PDF	PW
43ZCD	ZC101	2003	7	101.Summaries corrected	ZIP2. ICCF-10
43ZCD	ZC102	2003	6	102.Talk at APS, Tuscon	“Cold Fusion Has Come Out of the Cold”. APS Short Course.
43ZCD	ZC103	1990	3	103.TRITIUM STUDY	ZIP4. ?
43ZCD	ZC104	2009	5	104.Univ of Missouri.ppt	CD2. “An Informed Skeptic’s View of Cold Fusion”
43ZCD	ZC105	1998	12	105.WORK IN PROGRESS	ZIP1. Attachment F for expanded description.

Appendix D4. CD (Round 2) and DVD Files; VHS Tapes: CVD

Comp	No	Yr	Mo	Folder or File*	Notes
44CVD	CV1-1	2007	2	APS Paper	7/09 Backup
44CVD	CV1-2	2011	6	My Disk	Disk 1 of 3. Disk label: Backup 6/25/11
44CVD	CV1-3	2011	6	5/28/11. CaO + NiO	Disk 2 of 3. Disk label: Backup 6/25/11
44CVD	CV1-4	2010	11	(1-5-11) SrTi)3#8	Disk 3 of 3. Disk label: Backup 6/25/11
44CVD	CV1-5	2010	11	(1-5-11) SrTi)3#8	Disk label: Old Data. No date. May be same as "Old Data" in SF files
44CVD	CV1-6	1993	1	Archive ARTICLES Part 1 of 5. OCCDF-10 + 10 additional folders & files	Disk label: CALORIMETER STUDY.spanned
44CVD	CV1-7	2004	1	Archive ARTICLES Part 4 of 5. CALORIMETER STUDY.spanned	Disk label: CALORIMETER STUDY.spanned
44CVD	CV1-8	1989	2	DATA. (1-5-08d)PF + numerous additional folders & files	Disk label: . SURVEY FOR ENECO. Washington Talk. Talk Given at an HD. Washington 10–24–06)
44CVD	CV1-9	1989	10	Archive ARTICLES Part 5 of 5. Archive ARTICLES.spanned	Disk label: . EndNote.spanned. Calorimeter studies 2004.spanned. CURRENT ARTICLES. Developer. Documents. DOE talk
44CVD	CV1-10	1999	3	Documents – Part 5 of 15. Calorimeter studies 2004.spanned. CURRENT ARTICLES. Developer. Documents. DOE talk	Disk label: Unnamed Collection of PDF Files
44CVD	CV1-11	2006	8	Documents – Part 7 of 15. EndNote.spanned	Disk label: Calorimeter Movie.spanned
44CVD	CV1-12	2004	1	Documents – Part 4 of 15. Calorimeter studies 2004.spanned	
44CVD	CV1-13	1993	1	Documents – Part 1 of 15. Archive ARTICLES. Austin talk. BOOK. Calculations. Calorimeter studies 2004.spanned	Disk label: . Archive ARTICLES. Calorimeter studies 2004.spanned. Austin talk. BOOK. Calculations
44CVD	CV1-14	2003	12	Documents – Part 10 of 15. Important	Disk label: EPRI Folder.spanned

				papers.spanned	
44CVD	CV1-15	2004	3	080515_1727. Amoco Experiment.pdf + 13 others	Disk 1. Disk label: . Cold fusion documents. May 15, 2008
44CVD	CV1-16	2004	3	050516_0859. ICCF7.pdf + 5 others	Disk 2. Disk label: . Cold fusion documents. May 15, 2008
44CVD	CV1-17	2004	9	Papers about LENR . Published papers +	Disk label:. Published Papers about Cold Fusion. 1989-2003
44CVD	CV1-18	2004	9	Washington Brief 160808	Disk label: Papers backup 11/3/02
44CVD	CV1-19	2009	11	Gas loading 260808	Disk label: Gas Loading to 7/25/10
44CVD	CV1-20	2007	1	Pd.B NRL Study 1860808	Disk label: Pd.B NRL Study
44CVD	CV2-1	2013	10	MY FIRST PROJECT	Disk label: . Washington. 10/25/06
44CVD	CV2-2	2004	8	DOE CF Review References	Disk label: . DOE CF Review 2004. References
44CVD	CV2-3	2006	10	Washinton 2006	Disk label: . Oct 2013. Ed & "Believers"
44CVD	CV2-4	2017	3	Audio Cd	Disk label: . Hieronimus & Company. 6/1/08 Hour One. Dr. Edmund Storms. The Science of Low-Energy Nuclear Reactions:. A Comprehensive Compilation of Evidence and Explanation about Cold Fusion. World Scientific Publishing 2007. Book 12/25/06 & endnote
44CVD	CV2-5	2006	12	Book 12/25/06	Disk label: . Book – Washington Talk. endnote 9/30/06. endnote 9/20/06. Book 10/13/06
44CVD	CV2-6	2006	9	Book, (9/28/06)	Disk label: Book 9/28/06
44CVD	CV2-7	2006	9	Washington tal +book+endnote	Disk 1 of 3. Disk label:. Book& endnote 8/26/06
44CVD	CV2-8	2006	9	Book(9-20-06) + Endnote 1/04	Disk 2 of 3. Disk label:. Book & endnote 10/20/06
44CVD	CV2-9	2006	11	Bookk(11-13-06)	Disk 3 of 3. Disk label:. Book & endnote 8/19/06
44CVD	CV2-10	2006	8	Book 8-19-06	Disk 1 of 3. Disk label:. Pdf book 363 pages. front cover – jpg. back cover – jpg
44CVD	CV2-11	2006	8	Untitled CD	Disk 2 of 3. Disk label:. Pdf book 363 pages. front cover – jpg. back cover – jpg
44CVD	CV2-12	2006	10	Book+EndNote	Disk 3 of 3. Disk label:. Pdf book 363 pages. front cover – jpg. back cover – jpg
44CVD	CV2-13	2014	6	MyDisc	Disk label:. Edmund Storms. 9883673
44CVD	CV2-14	2005	11	Library references – Part 1 of 2	Disk 1 of 2. Disk label:. Library References. #1 0-400
44CVD	CV2-15	2008	9	Library references – Part 2 of 2	Disk 2 of 2. Disk label:. Library References. #2 0-400
44CVD	CV2-16	2014	6	My Disc	Disk label: . Explanation of LENR. June 2014
44CVD	CV2-17	2007	2	Science lenr0Storms-(2-27-07)	Disk label: . Science of LENR. Storms (2-27-07). manuscript

44CVD	CV2-18	No Date		CVD_VIDEO_RECORDER_#83F2 not copied	Duplicate copies. Disk label:. Ed's Cold Fusion Movie
44CVD	CV2-19	No Date		CVD_VIDEO_RECORDER_#83F2 not copied	Duplicate copies. Disk label:. Ed's Cold Fusion Movie
44CVD	CV2-20	2004	4	LENR-CANR	Disk label:. LENR-CANR. June 23, 2006
44CVD	CV2-21	2002	10	Documents – Part 9 of 15. EndNote.spanned + 6 folders	13 items. Disk label:. Britz Collection.Spanned
44CVD	CV2-22	2006	9	Documents – Part 8 of 15. EndNote.spanned	Disk label: Britz*
44CVD	CV2-23	2006	5	Documents – Part 6 of 15. Britz Collection.spanned	Disk label: Britz collection*
44CVD	CV2-24	2005	11	Britz1. Abel1990.pdf + many others	2 CDs in one envelope. Disk label:. Britz 1, Britz 2. June 23, 2006
44CVD	CV2-25	2006	5	Britz2 . Dadd2001.pdf + many others	Disk label: . Britz collection. April 2011. Britz Collection. 10/27/2006
44CVD	CV2-26	2004	12	Britz Collection. pdfs folder: books, etc	Disk label: . Britz Collection. as of 12/7/05
44CVD	CV2-27	2005	11	Britz 2 Collection. Abel1990.pdf + many others	Disk label: . CNF files. D. Britz. 29.11.'07
44CVD	CV2-28	2005	11	Britz. Abel1990.pdf + many others	
44CVD	CV2-29	2007	11	Britz K3b data project. fusfiles	
44CVD	CV3-1	2003	9	030914_1959	Disk label: . ICCF 10 PHOTOS. From Nagel
44CVD	CV3-2	2004	10	091298_2150	Disk label: . ICCF-11, -12, & -15. From Nagel. DN
44CVD	CV3-3	2005	11	ISCMNS ICCF 12	Disk label: . ICCF12 disc. Copyright 2005. www.iscmns.org
44CVD	CV3-4	No Date		Won't read	Disk label: . www.iscmns.org. Papers, Presentations, Photos, Nuclear Software. [vers 1.3]. www.iscmns.org
44CVD	CV3-5	2009	11	Read	Disk label: . ISCMNS DVD. November 2009
44CVD	CV3-6	2008	8	DVD_VIDEO_RECORDER	Disk label: . First Gate 2008. ICCF. Roger Stringham. ICCF 14 '08
44CVD	CV3-7	2010	10	Storms-0203	Disk label: . Proceedings of the. 14th International Conference on. Condensed Matter Nuclear Science. and the. 14th International Conference on Cold Fusion (ICCF-14). Washington, DC. 10-15 August 2008
44CVD	CV3-8	No Date		Won't read	Disk label: . ICCMNS 14. Dennis Cravens & Dennis Letts. Washington, DC. August 10-15, 2008
44CVD	CV3-9	No Date		EVS-IN-COLD_FUSI	Disk label: . Roger Stringham. Copyright 2011
44CVD	CV3-10	2003	4	EVS-IN-COLD_FUSI	Disk label: . APS 3/7/03. cold fusion talks
44CVD	CV3-11	No Date		Won't read	Disk label: . Storms 02-22-03. Yellow stickie:. Ed: Encl – 3

					copies of Raw audio recordings converted to MP3 format, & all photos. – Steve
44CVD	CV3-12	No Date		061023_1008	Disk label: . Conference on Future Energy. COFE. CD – PROCEEDINGS. 29 April – 1 May 1999. Produced by Integrity Research Institute. Copyright 1999
44CVD	CV3-13	2002	8	17990724_0550 won't read	Disk label: . EV s in Cold Fusion. August 24, 2002. Dash McKubre. Miley Shoulders. Tanzella Storms
44CVD	CV3-14	2002	9	18991030_2005 won't read	Disk label: . EVs IN COLD FUSION. LEN SHOULDERS COPYRIGHT. SEPTEMBER 2002
44CVD	CV3-15	No Date		Won't read	Disk label: . Melich Meet ©. PowerPoint. 58 Slides (PC). 10-23-06. Tom Passsell
44CVD	CV3-16	2006	10	091298_2150	Disk label: . The Science of the Future Began Yesterday. Fusion Fuels. New Energy News. Journal of New Energy. Full Text of Journal of New Energy,. vol 1-3, 1996-1999. Release 1.0 July 24, 1999. Release 1.1 August 24, 1999. (With 29 October corrections). Fusion Information Center. Salt Lake City, Utah
44CVD	CV3-17	1999	7	ISCMNS ICCF 12	Disk label: . REFERENCES RELATED TO LENR. THE PIG HAS FLOWN. version 1.9 8/18/03. Contains 3089 references and 213 papers in full text.
44CVD	CV3-18	No Date		Won't read	Disk label: . THE BELIEVERS. In 1989 they say they couldn't they said they could save the world.. Some people still believe them.. 137 Films. Copyright 2013. CD in nice custom container
44CVD	CV4-1	2011	6	ORTV, Spies beneath Berlin. 22.06.11. Dup 51' 58". 16x9 FMA. Post Production. (without credits)	CEBDS3BB3BXCZXV
44CVD	CV4-2	No Date		Water for Fuel	
44CVD	CV4-3	No Date		Zero Point Technologies by Frank Znidarsic. See the future/Know the past. Antigravity – Cold Fusion – Ball Lightning	
44CVD	CV4-4	2004	11	Advanced Intelligence Technologies Meeting. Presentations. Posted by: James D Corry. jdcorey@sandia.gov. Sandia	

				National Laboratories. Washington, D.C.. October 18, 2004	
44CVD	CV5-1	No Date		Unknown	
44CVD	CV5-2	No Date		Foxfire, Navigator 4?, :Tunes, Adobe Reader 9, Address book, 4/9/09	
44CVD	CV5-3	No Date		iWork '09	
44CVD	CV5-4	No Date		Quicken 2002	
44CVD	CV5-5	No Date		HP 3820, System X, driver	
44CVD	CV5-6	No Date		Backup 9/08, Toast, StuffIt, OmniPage	
44CVD	CV6-1	2000	4	Gene Mallove interview of EKS 160805	Disk label: . Interview of Edmund Storms by Gene Mallove. 4/15/2000. Copied
44CVD	CV6-2	1999	13	Not copied.	Disk label: . Cold Fusion. Fire from Water .A documentary about one of the greatest and most controversy all scientific discoveries of all time. New Energy Foundation. 1999.
44CVD	CV6-3	No Date		Not copied.	CBC News. "The Secret Life of Cold Fusion. Jerry Thompson.
44CVD	CV6-4	No Date		Not copied.	CBC News. Cold Fusion . "Too Close to the Sun"
44CVD	CV6-5	No Date		Not copied.	NHK R/Prime 10. Cold Fusion. TV Show.
44CVD	CV6-6	1999	10	Not copied.	Twin Cities Cable. Cold Fusion. October 1999
44CVD	CV6-7	1994	6	Not copied.	Utah's News Team. Cold Fusion. June 1994
44CVD	CV6-8	1993	5	DRW1000 Disk 1 of 2	Hearing before Subcommittee on Energy. May 5, 1993. Disk #1. Copied.
44CVD	CV6-9	1993	5	DRW1000 Disk 1 of 2	Hearing before Subcommittee on Energy. May 5, 1993. Disc #2. Copied.
44CVD	CV6-10	2010	1	ICCF15 Disk 1 (of 4)	ICCF-15 Videos. DVD 1. Copied
44CVD	CV6-11	2010	1	Not copied.	ICCF-15 Videos. DVD 2
44CVD	CV6-12	2010	1	Not copied.	ICCF-15 Videos. DVD 3
44CVD	CV6-13	2010	1	Not copied.	ICCF-15 Videos. DVD 4
44CVD	CV7-1	2002	9	72 SEM Images for Ed Storms	
44CVD	CV7-2	2004	12	74 SEM Pictures	
44CVD	CV7-3	2005	2	76 SEM Pictures 2	
44CVD	CV8-1	1991	6	Second Annual Conference on Cold Fusion. Tape #1, #2. 1991 Como, Italy. Copyright 1991. Nova Resources Group	Ed did not attend ICCF-2. Two tapes.
44CVD	CV8-2	1999	10	ACS October 6-8. Ontario, California. October 8 Friday A.M.. Number 1 of 4 . Number 4 of 4	Special cold fusion session. Ed gave a paper. Four tapes. Numbers 1 and 2 missing.
44CVD	CV8-3	1994	13	Good Morning America. 1994 Cold Fusion.	Interview with Ed. Ed provided a copy.

				Water-stained	
44CVD	CV8-4	No Date		Ed Storms. "Junk Science". Cold Fusion Segment. 1-3 Minutes	Interview with Ed. Ed provided a copy. Internet radio? (Jim Martinez)
44CVD	CV8-5	1999	13	Cold Fusion. Fire from Water	Still in shrink wrap. Based on Mallove's book. Narrated by Scotty of Star Trek
44CVD	CV8-6	2000	5	ICCF-8	Tapes 1 to 7
44CVD	CV8-7	1989	4	"Cold Fusion" by. Stanley Pons. April 18, 1989. National Lab Colloquium. James Keele. T-120 Copy	

Appendix D5. LaCie 8900 External Hard Drive Files: EHD

Comp	No	Yr	Mo	Folder or File*	Notes
45EHD	HD1	2004	19	#42, excess- A, 1-7*	
45EHD	HD2	1970	1	#42, excess- A, 1-7#2*	
45EHD	HD3	2008	4	Addresses	4 Files
45EHD	HD4	check	check	Archive ARTICLES	652 Files
45EHD	HD5	2000	9	Archive, GENERAL	268 Files
45EHD	HD6	delete	delete	CAROL (Selected)	303 Files
45EHD	HD7	2001	8	Case Study	161 Files
45EHD	HD8	2003	12	ChubbSRtheoretica.pdf*	
45EHD	HD9	2003	11	Close space cell.JPG*	
45EHD	HD10	2003	10	Close spacing cell*	
45EHD	HD11	2003	7	Cluster model.pdf*	
45EHD	HD12	2001	8	Confidentiality Agreement, Grace*	
45EHD	HD13	2001	8	Confidentiality Agreement.doc*	
45EHD	HD14	2003	6	Cost vs gal for 10K, 15K*	
45EHD	HD15	1999	3	CURRENT ARTICLES	215 Files
45EHD	HD16	2003	7	Delong LVEM5.pdf*	
45EHD	HD17	2004	3	Disclosure of interest in LENR*	
45EHD	HD18	2003	9	EarthChanges2001.pdf*	
45EHD	HD19	2000	2	Ed's stuff	298 Files
45EHD	HD20	2000	8	Ed's Website	287 Files
45EHD	HD21	2005	5	Edwards(NMR) 6/2/05*	
45EHD	HD22	2002	11	EndNote	18 Files
45EHD	HD23	2005	6	Graph #1*	
45EHD	HD24	1969	12	High Temp Data set	5 Files
45EHD	HD25	2004	1	hood*	
45EHD	HD26	2004	9	ICCF-11	10 Files
45EHD	HD27	2007	1	Important Papers	140 Files
45EHD	HD28	2003	7	Ken Wolf Commodities	13 Files
45EHD	HD29	2002	7	LENR CD Partial	208 Files

45EHD	HD30	2002	6	LENR site	18 Files
45EHD	HD31	2003	8	Lenr-canr	8 Files
45EHD	HD32	2010	10	manuals	26 Files
45EHD	HD33	2003	10	MILEY DATA	7 Files
45EHD	HD34	1997	12	Pd STUDY	1777 Files
45EHD	HD35	2009	9	PERSONAL BIO	3 Files
45EHD	HD36	2003	9	Photo ion detector	3 Files
45EHD	HD37	2003	5	PICTURES	7 Files
45EHD	HD38	2004	9	Pt 2004	6 Files
45EHD	HD39	2004	10	Pt Dot 3	9 Files
45EHD	HD40	2004	9	Pt Dot 4	8 Files
45EHD	HD41	2005	10	Pt-Pd(10-16-05)	6 Files
45EHD	HD42	2005	2	Recent data	35 Files
45EHD	HD43	2003	8	reference electrodes.pdf*	
45EHD	HD44	2003	5	Rejection history of CF, Object*	
45EHD	HD45	2004	4	Request for Storms Disclosures*	
45EHD	HD46	2005	5	Review of the paper, Shanahan*	
45EHD	HD47	2001	5	RGA application (empty)	0
45EHD	HD48	2004	1	Script*	
45EHD	HD49	2004	2	Script2*	
45EHD	HD50	2004	2	Seebeck converter#1	14 Files
45EHD	HD51	2003	11	SEM COST*	
45EHD	HD52	2002	9	SEM scans of Case samples	6 Files
45EHD	HD53	2004	2	STOCK TRADING*	
45EHD	HD54	2004	11	Summary of studies*	
45EHD	HD55	2003	12	WORK IN PROGRESS	1228 Files

Appendix D6. 3-½ Inch Floppy Files: FLD

Comp	No	Yr	Mo	Disk Label	Folder and File Contents
46FLD	FL1	1992	7	Set 1: 1d to now	Pd #1d to now
46FLD	FL2	1992	7	Set 1: Calibration	Calibration Test #1-22
46FLD	FL3	1991	12	Set 1: calorimeter	Calorimeter drawings calorimeter graphs
46FLD	FL4	1992	4	Set 1: calorimeter data	excell calibration Pt Test #1-19 + Summary
46FLD	FL5	1989	6	Set 1: CF data	cold fusion data folder 1991 Tritium Production
46FLD	FL6	1989	10	Set 1: CF text archives	Cold Fusion Text archives 10
46FLD	FL7	1989	10	Set 1: Cold Fusion Letters	1989 - 1993
46FLD	FL8	1993	1	Set 1: Cold fusion talk	*Cold Fusion talk*
46FLD	FL9	1993	3	Set 1: J#4	2/29 – 9/5
46FLD	FL10	1993	4	Set 1: J#4-2	J#4 3/29 – graphs & summary
46FLD	FL11	1989	11	Set 1: Papers	Effect of Hydriding – Paper & data Electrolytic Tritium – Paper & data
46FLD	FL12	1991	2	Set 1: papers2	28th Intersociety CANR-Paper ICCF-4 Minsk conf. Review – 1991 Electrolytic heat
46FLD	FL13	1992	5	Set 1: Pd #24-12c	Excell data Pd #24 to 12c Excess volume

46FLD	FL14	1992	5	Set 1: Pd charging #1-10	Excell data Pd charging Pd #1 - #10
46FLD	FL15	1989	4	Set 1: Progress	Cold Fusion Progress & emos & proposal
46FLD	FL16	1989	3	Set 1: Star C	Star C Cold Fusion Text Archives
46FLD	FL17	1990	2	Set 1: Talks	Various CF Talks
46FLD	FL18	1990	8	Set 1: tritium study	Tritium Data
46FLD	FL19	1989	12	Set 2: Cold Fusion	Cold Fusion, archives data
46FLD	FL20	1989	5	Set 2: backup	Physical Study Data Index 1990
46FLD	FL21	1995	3	Set 2: Hypercard	Backup
46FLD	FL22	1994	1	Set 2: Letters	Cold Fusion Letters 1984- patterson data
46FLD	FL23	1997	9	Set 2: 21 Century	Cold Fusion, An Outcast of Science E. Storms 9/97 97401 DC _ 001 Mac disc FullWrite, Text only MacWrite 5.0. II
46FLD	FL24	1995	5	Set 2: LABS PROPOSAL	➔Ed Storms from Steve Jones PROPOSAL LABS
46FLD	FL25	2000	13	Set 2: storms	What ever happened to Cold Fusion? Edmund Storms Mac disc 98463 MMH001
46FLD	FL26	1993	13	Set 2: (Not readable)	How to produce P-F effect FP Award When to listen ICCF-4 photocopy

Appendix E. Contents of Hard-Copy Records: HCR

Comp	No	Year	Mo	Event or Item	Notes
50HCR	HC1	1989	3	Memos by EKS while at LANL. Scanned	Tub I. Set 1B.
50HCR	HC2	1989	13	LANL Experiment Data. Scanned.	Goes with EKS memos, Set 1B. Moved from previous Set 2. "Up to Sample 203" (last LANL sample). "Historical data for Tritium work". Includes summaries as well as data. Light blue 3-ring binder. Tub I. Set1C1. Data from earliest tritium work at LANL. Published in first of four papers prepared while at LANL: nature of tritium, behavior of tritium, cold fusion review, excess heat.
50HCR	HC3	1990	13	Storms & Talcott, 1990. Scanned.	Tub I. Set 1C2.
50HCR	HC4	1990	13	Transparencies. Scanned.	Go with 1B and 1C. Moved from Set 8 during September 3 review. Tub I. Set 1D.
50HCR	HC5	1989	3	LANL Lab-Wide CF-Related Memos. Scanned.	2 folders. 3/89, 4/89, 5/89, 6/89. Tub I. Set 1E1.
50HCR	HC6	1989	5	Mallove Media Advisory with attached papers. Scanned?	Tub I. Set 1E2.
50HCR	HC7	1989	8	LANL Proposal to DOE for Funding CF Studies. Scanned.	Tub I. Set 1F.
50HCR	HC8	1989	4	LANL Report to DOE ERAB Prior to On-Site Visit. Scanned.	Tub I. Set 1G.
50HCR	HC9	1989	5	CF Reports by Other DOE Labs. Livermore, others. Scanned?	Tub I. Set 1H.
50HCR	HC10	1989	4	Miscellaneous Non-LANL CF Materials. Scanned.	4/89, 7/89, 8/89. Tub I. Set 1I.
50HCR	HC11	1989	6	"Newspaper Type Hype". Not Scanned.	LANL memos removed for addition to Set 1B. 6/89 to 9/89. Dark green 3-ring binder. Tub I. Set 3B.
50HCR	HC12	1989	5	Newspaper Articles. Not Scanned.	Includes one bound item with long LANL CF Distribution List. Tub I. Set 3B
50HCR	HC13	1989	4	Miscellaneous Loose Papers. Scanned.	Includes many LANL CF Memos (to go with Set 1E). Not reviewed by EKS on September 3 (not enough time). Set 4A1: LANL CF Memos. 4 folders. Tub II. Set 4A1
50HCR	HC14	1989	4	Newspaper articles and CF papers. Scanned.	Tub II. Set 4A2.
50HCR	HC15	1989	4	LANL CF memos. Scanned.	Tub II. Set 4A3.
50HCR	HC16	1991	6	LANL CF memos and related material. Scanned.	Tub II. Set 4A4.

50HCR	HC17	1992	3	Correspondence: Letts, etc. Scanned.	Tub II. Set 4B1.
50HCR	HC18	1992	1	Cold Fusion Papers. Scanned.	Tub II. Set 4B2.
50HCR	HC19	1992	7	Correspondence. Scanned.	Tub II. Set 4B3.
50HCR	HC20	1990	1	Reports in Italian. Scanned.	Tub II. Set 4B4.
50HCR	HC21	1992	10	Lagowski proposal, Swett Committee. Scanned.	Tub II. Set 4B5.
50HCR	HC22	1989	4	Newspaper clippings. Scanned.	Tub II. Set 4C.
50HCR	HC23	1989	5	"Analysis". Not Scanned.	Palladium analysis – micrographs, X-ray results. Dark blue 3-ring binder. Data from earliest tritium work at LANL. Published in first of four papers prepared while at LANL: nature of tritium, behavior of tritium, cold fusion review, excess heat. Tub II. Set 5.
50HCR	HC24	1990	2	"Cold Fusion Data". Not Scanned.	Manila envelope. Chemical Analysis Reports. Goes with blue 3-ring binder (Set 1C). Tub II. Set 6A. Data from earliest tritium work at LANL. Published in first of four papers prepared while at LANL: nature of tritium, behavior of tritium, cold fusion review, excess heat.
50HCR	HC25	1989	5	"Cold Fusion Micrographs. Not Scanned.	Manila envelope. From LANL experiments. "CPM. Chemical and other analyses. Goes with blue 3-ring binder (Set 1C). Tub II. Set 6B. Data from earliest tritium work at LANL. Published in first of four papers prepared while at LANL: nature of tritium, behavior of tritium, cold fusion review, excess heat. Tub II. Set 6B.
50HCR	HC26	1991	7	Micrographs and Miscellaneous. Not Scanned.	Includes LANL CF Memos. Set 7A: Photo Micrographs. Data from earliest tritium work at LANL. Published in first of four papers prepared while at LANL: nature of tritium, behavior of tritium, cold fusion review, excess heat. Tub II. Set 7A.
50HCR	HC27	1989	6	Two LANL Memos – 6/2/89, 6/9/89. Scanned.	Data from earliest tritium work at LANL. Published in first of four papers prepared while at LANL: nature of tritium, behavior of tritium, cold fusion review, excess heat. Tub II. Set 7B.
50HCR	HC28	1989	4	Presentation: "Cold Fusion, Present Stats As a Significant Phenomenon". No Date. LANL, Nuclear Materials Division. Scanned.	Data from earliest tritium work at LANL. Published in first of four papers prepared while at LANL: nature of tritium, behavior of tritium, cold fusion review, excess heat. Tub II. Set 7C.

50HCR	HC29	1989	4	Newspaper and Articles. Not Scanned.	Includes Newsweek cover coverage. Goes with Sets 3A and 3B. Tub III. Set 9.
50HCR	HC30	2007	5	Mixture of Various Plots. 2007-2008. Not Scanned.	Princeton Gamma Tech and others. May not be worth keeping. PGT Spectrum Reports and other materials. Data and plots used to define following steps. Include with large black 3-ring binders. Tub III. Set 10.
50HCR	HC31	2011	11	EDX Plots. 2010-2011. Not Scanned.	Pictures, compositions. Need to relate to Lab Notebooks. White 1 inch 3-ring binder. Tub III. Set 11.
50HCR	HC32	2009	10	EDX plots and SEM images. Not Scanned.	Tub III. Set 12A.
50HCR	HC33	2008	8	PGT spectrum reports and electrolytic cell data. Not Scanned.	Gas discharge experiments with Brian Scanlan. Made with "old" EDX before it failed. Includes "Gas Loading Progress Report, 10/20/09" in back. From Storms. To KivaLab. White 1 inch 3-ring binder? Tub III. Set 12B.
50HCR	HC34	2009	12	EDX and Mass Sweep Data. Not Scanned.	Nickel-hydrogen studies; includes some pictures. 2008-2012. Gas Loading, Residual Gas Analysis. As in Set 11. Loose materials stuffed into Set 12 Binder. Tub III. Set 13.
50HCR	HC35	2011	10	Mass Sweep Plots. Not Scanned.	Gas Loading, Nickel-Hydrogen studies. Mass spectrometer plots. 2012. Tub III. Set 14.
50HCR	HC36	2012	2	Mass Sweep Plots. Not Scanned.	Gas Loading, Nickel-hydrogen studies. As for Set 14. 2011-2012. Tub III. Set 15.
50HCR	HC37	2012	2	Mass Sweep Plots. Not Scanned.	Gas Loading, Nickel-hydrogen studies. As for Set 14. 2011-2012. Loose papers. Tub III. Set 16.
50HCR	HC38	2007	3	"Glow Discharge 2007". Not Scanned.	Three volumes. From previous large black 3-ring binders. Now bound with green plastic "ties" to reduce volume and allow use of tub. Approximate date ranges: volume 1, 3/30/07 – 6/30/07; volume 2, 6/30/07 – 12/30/07 (not in order); volume 3, 1/7/08 – 3/1/08. Tub IV. Set 17.
50HCR	HC39	1993	1	Correspondence: Bockris, Rothwell, Little, Fox, Malllove, Passell, Patterson, Collis, others. Scanned.	Storms "Pile 1". Correspondence. Early period – 1990s. Many letters to CF early "major players". 8 folders, in original order of pile. Tub V. Set 18A.
50HCR	HC40	1998	9	Correspondence: E-mail prints – Richard Blue CF Debate – S Chubb, Britz, others. Scanned.	Storms "Pile 1". Correspondence. Early period – 1990s. Many letters to CF early "major players". 8 folders, in original order of pile. Tub V. Set 18B.
50HCR	HC41	1994	9	Correspondence: Jones, Kozima, Beaudette, Valone, T Chubb, Rothwell. Scanned.	Storms "Pile 1". Correspondence. Early period – 1990s. Many letters to CF early "major players". 8 folders, in original order of pile. Tub V. Set 18C.
50HCR	HC42	1996	4	Correspondence: Entenmann, Rothwell, Britz, Park, T Chubb, Behrend, S Chubb. Scanned.	Storms "Pile 1". Correspondence. Early period – 1990s. Many letters to CF early "major players". 8 folders, in

					original order of pile. Tub V. Set 18D.
50HCR	HC43	1996	5	Correspondence: Bockris, T Chubb, Miley, Collis, McKubre. Scanned.	Storms “Pile 1”. Correspondence. Early period – 1990s. Many letters to CF early “major players”. 8 folders, in original order of pile. Tub V. Set 18E.
50HCR	HC44	1997	12	Correspondence: Rothwell, Spzak, Grimshaw, Krivit, Miley, Nagel, Letts, Little. Scanned.	Storms “Pile 1”. Correspondence. Early period – 1990s. Many letters to CF early “major players”. 8 folders, in original order of pile. Tub V. Set 18F.
50HCR	HC45	1994	4	Correspondence: Breed, Rothwell, Srinivasan, Patterson, Fleischman, Swartz, Little, Cravens, Letts, Miley, Bockris, Beaudette, Claytor, Fox. Scanned.	Storms “Pile 1”. Correspondence. Early period – 1990s. Many letters to CF early “major players”. 8 folders, in original order of pile. Tub V. Set 18G.
50HCR	HC46	1992	2	Correspondence: Entenmann, Leitz, Kozima, Little, Fleischmann, Shanahan, Swartz, Rothwell, Dash, Beaudette, Miley, Jones, Srinivasan, T Chubb, Letts, McConnell, McKubre, Polansky, Britz. Scanned.	Storms “Pile 1”. Correspondence. Early period – 1990s. Many letters to CF early “major players”. 8 folders, in original order of pile. Tub V. Set 18E.
50HCR	HC47	2007		Letters to 2014 book recipients. Scanned.	Also, Appendix and Summary. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19A.
50HCR	HC48	2014	9	NASA SOW and Amendment. Scanned.	Storms “Pile 2”. Miscellaneous materials. Tub VI. Set B.
50HCR	HC49	1991	3	Correspondence. Moved to 18? Scanned.	Letter stopping LENR work at LANL. McKubre, Rothwell, Entenmann, Biberian, Larsen. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19C.
50HCR	HC50	2012	6	EDX Plots. Scanned.	Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19D.
50HCR	HC51	1989	6	Old CF Newspapers . Scanned.	Goes with Set 3. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19E.
50HCR	HC52	2006	10	“NRL TRIP, 10/06”. Scanned.	Clasp envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19F.
50HCR	HC53	2008	3	“APS, 3/10/08”. Scanned.	Clasp envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19G.
50HCR	HC54	2007	10	“Katania Meeting” 10/07”. Scanned.	Clasp envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19H.
50HCR	HC55	2006	12	“Glow Discharge”, 2007. Invoices and receipts. Scanned.	Clasp envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19I.
50HCR	HC56	1995	3	“Nondisclosure Agreements” Various entities. Scanned.	Clasp envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19J.
50HCR	HC57	2000	1	“Ti Study Dash”. 2000. Scanned.	Clasp envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19K.
50HCR	HC58	2006	8	“Science of Low Energy…”. World Scientific, 2006, 2014. Scanned.	White envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19L.

50HCR	HC59	2003	2	“Lattice Energy”. 2003-2005. Scanned.	Four white envelopes. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19M1.
50HCR	HC60	2000	9	History of Miley Tests. Scanned.	Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19M2.
50HCR	HC61	2003	5	“Letters” ~2008-2018. Scanned.	White envelope. Moved to Set 18, Correspondence. Bockris, McConnel, Scanlan, Krivit, Bass, Hagelstein, Nagel, Rothwell, Koonin. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19N.
50HCR	HC62	2008	2	“Letters” ~2008-2018. Scanned.	White envelope. Moved to Set 18, Correspondence. Lomax, Scanlan. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19O.
50HCR	HC63	2005	11	“NDA – Releases”. Various entities and dates. Scanned.	White envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19P.
50HCR	HC64	2014	1	“Cooper Life Sciences” 2014. Scanned.	White envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19Q.
50HCR	HC65	2007	10	“Patent with Brian Scanlan”. 2011. Scanned.	White envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19R.
50HCR	HC66	2012	10	“NASA Contract” 2013-2014. Scanned.	White envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19S.
50HCR	HC67	2014	6	“Infinite Energy Book Contract”. 2014. Scanned.	White envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19T.
50HCR	HC68	2009	2	“Review of Papers”. ~2009-2014. Scanned.	White envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19U1.
50HCR	HC69	1995	9	“Review of Papers”. ~2009-2014. Scanned.	White envelope. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19U2.
50HCR	HC70	1993	1	Correspondence. Scanned.	Most related to manuscripts. 2 folders. Moved to Set 18, Correspondence. Storms “Pile 2”. Miscellaneous materials. Tub VI. Set 19V.
50HCR	HC71	1996	9	Miscellaneous mixed materials. Scanned.	Various dates. Souther agreements, cFAR business plan, ICCF-2, ISCMNS. Tub VI. Set 20A.
50HCR	HC72	1995	3	Kiva Labs: 2010. (Scanlan). Scanned.	Tub VI. Set 20B1.
50HCR	HC73	2010	2	Kiva Labs: 2010. (Scanlan). Scanned.	Tub VI. Set 20B2.
50HCR	HC74	1998	10	Correspondence, 2003-2004. Bockris, Larsen. Scanned.	Tub VI. Set 20C.
50HCR	HC75	1994	5	ENECO. Scanned.	Tub VI. Set 20D1.
50HCR	HC76	1996	3	“Bankruptcy”. 2003? Scanned.	Tub VI. Set 20D2.
50HCR	HC77	1993	5	Congressional Testimony. Not Scanned.	Correspondence. Book published by U.S. House of Representatives. White envelope. Tub VI. Set 21.
50HCR	HC78	2003	8	ICCF-10 Short Course. Scanned.	Tub VIII. Set 22A.

50HCR	HC79	1993	8	Papers, Presentations, Miley Experiments. Scanned.	Tub VIII. Set 22B.
50HCR	HC80	1997	8	Talk by EKS to NHE, Japan: “Some Problems with Palladium and How to Solve Them”. Scanned.	Transparencies. Tub VIII. Set 22C.
50HCR	HC81	1995	13	How to Produce the Pons-Fleischmann Effect. Scanned.	(4 copies). Tub VIII. Set 22D.
50HCR	HC82	1993	5	Statement of Dr Edmund Storms (Los Alamos National Laboratory, ret.) before the House Committee on Science, Space, and Technology, Subcommittee on Energy, May 5, 1993. Scanned.	Tub VIII. Set 22E.
50HCR	HC83	1990	13	Miscellaneous transparencies. Scanned.	Tub VIII. Set 22F.
50HCR	HC84	1999	4	Storms presentations, lab & equipment photos, experimental results. Scanned.	Tub VIII. Set 22G.
50HCR	HC85	1999	4	Partial Storms paper: Cold Fusion or How to be an Alchemist While Annoying Every Physicist You Know”. Scanned.	Tub VIII. Set 22H.
50HCR	HC86	2004	10	An Update of LENR for ICCF-11. Scanned.	Tub VIII. Set 22I.
50HCR	HC87	2004	10	Unclassified Meeting on Advanced Intelligence Technologies. EKS: Cold Fusion (LENR) Real or Not. Scanned.	Tub VIII. Set 22J.
50HCR	HC88	2006	10	Drafts of parts of 2007 book. Bockris correspondence. Scanned.	Tub VIII. Set 22K.
50HCR	HC89			?	Tub VIII. Set 23A.
50HCR	HC90	2010	7	KivaLabs Progress Reports. Scanned.	Tub VIII. Set 23B.
50HCR	HC91			?	Tub VIII. Set 23C.
50HCR	HC92			?	Tub VIII. Set 23D.
50HCR	HC93			?	Tub VIII. Set 23E.
50HCR	HC94	TBD	4	Paper: “Evaluation of the Calorimeter Used by G. Miley”. Scanned.	Tub VIII. Set 23F.
50HCR	HC95	2003	4	Progress Reports. Scanned.	Tub VIII. Set 23G.
50HCR	HC96	1990	6	Progress Report for the Period 1/90 – 6/90 (for) Work Supported by USDOE/OBES. TRITIUM PRODUCTION IN ELECTROLYTIC CELLS. Scanned.	Edmund Storms, Carol Talcott, Joe Bubernak. Los Alamos National Laboratory. Los Alamos, NM 87545. Tub VIII. Set 23H.
50HCR	HC97			?	Tub VIII. Set 23I.
50HCR	HC98			?	Tub VIII. Set 23J.
50HCR	HC99			?	Tub VIII. Set 23K.
50HCR	HC100	2015		Paper: “Testing Sputtered Material for Production of Radiation Generated by LENR”. Scanned.	Tub VIII. Set 23L.
50HCR	HC101			?	Tub VIII. Set 23M.
50HCR	HC102			?	Tub VIII. Set 23N.

50HCR	HC103	1999	7	Rothwell Vortex Email Papers about glow discharge effect. Scanned.	Tub VIII. Set 23O.
50HCR	HC104			?	Tub VIII. Set 23P.
50HCR	HC105	2001	12	Rejection History of the Paper “Cold Fusion: An Objective Assessment”. Scanned.	Tub VIII. Set 23Q.
50HCR	HC106	2010		Krivit on Naturwissenschaften: Commentary on Storms’ “Nuclear Phenomena in Low-Energy Nuclear Reactions”. Scanned.	Tub VIII. Set 23R.
50HCR	HC107	2012	12	Hagelstein Correspondence. Scanned.	Tub VIII. Set 23T.
50HCR	HC108	2012	12	Sven Thatje email. Scanned.	Tub VIII. Set 23V.
50HCR	HC109	2000	5	Infinite Energy letter Scanned.	Tub VIII. Set 23W.
50HCR	HC110	2004	12	Letter from M Fleischman to Jed Rothwell on Gene Mallove death. Scanned.	Tub VIII. Set 23X.
50HCR	HC111			?	Tub VIII. Set 23Y.
50HCR	HC112	2010		Storms’ Paper and Response to Reviewer’s Comments: Status of Cold Fusion (2010). Scanned.	Tub VIII. Set 23Z.
50HCR	HC113	2011	6	The Path toward a Plausible Theory of Cold Fusion. Scanned.	887. Tub VIII. Set 24A.
50HCR	HC114	2012	7	The Nature of Radiation Emitted from Nickel Exposed to Hydrogen. Scanned.	960/761? Tub VIII. Set 24B.
50HCR	HC115	--		Detection of Radiation Emitted from LENR. Scanned.	755/N. Tub VIII. Set 23C.
50HCR	HC116	--		Photos and Diagrams from Unknown Paper [Final Paper] Scanned.	N/A. Tub VIII. Set 24D.
50HCR	HC117	--		Widom and Larsen Paper: “Nuclear Abundances in Metallic Hydride Electrodes of Electorlytic Chemical Cells”. Scanned.	N/A. Tub VIII. Set 24E.
50HCR	HC118	--		Plots for unknown paper. Scanned.	N/A. Tub VIII. Set 24F.
50HCR	HC119	2006	3	Anomalous Heat produced by Electrolysis of Palladium Using a Heavy-Water Electrolyte. Scanned.	Tub VIII. Set 24G.
50HCR	HC120	2012	12	What Is Cold Fusion and Why Should You Care? Scanned.	935. Tub VIII. Set 24H.
50HCR	HC121	2011	2	Studies of Cold Fusion. Scanned.	889. Tub VIII. Set 24I.
50HCR	HC122	2012	8	A Potential Source of Perfect Energy. Scanned.	9/39. Tub VIII. Set 24J.
50HCR	HC123	2012	11	A Plausible Explanation of LENR (Cold Fusion). Scanned.	888. Tub VIII. Set 24K.
50HCR	HC124	2008	3	Radiation Produced by Glow Discharge in Deuterium Containing Gas (Part 2). Not Scanned.	700/237. Duplicate. Tub VIII. Set 25A.
50HCR	HC125	2010		What Is Real about Cold Fusion and What Explanations	810/N, 830/503. Duplicate. Tub VIII. Set 25B.

				Are Plausible? Not Scanned.	
50HCR	HC126	2012	11	Nature of Energetic Radiation Emitted from a Metal Exposed to H2. Not Scanned.	960/761? Duplicate. Tub VIII. Set 25C.
50HCR	HC127	2011	5	What Is Real about Cold Fusion and What Explanations Are Plausible? Not Scanned.	810/N, 860/546. Duplicate. Tub VIII. Set 2fD.
50HCR	HC128			?	Duplicate. Tub VIII. Set 25E.
50HCR	HC129			?	Duplicate. Tub VIII. Set 25F.
50HCR	HC130	2012	12	What Is Cold Fusion? Why Should You Care? Not Scanned.	937/N. Duplicate. Tub VIII. Set 25G.
50HCR	HC131	2012	11	Nature of Energetic Radiation Emitted from a Metal Exposed to H2. Not Scanned. Not Scanned.	960/761? Tub VIII. Set 25H.
50HCR	HC132	2012	7	An Approach to Explaining Cold Fusion. Not Scanned.	980/767. Duplicate. Tub VIII. Set Tub VIII. Set25I.
50HCR	HC133	2012	11	The Role of Voids as the Location of LENR. Not Scanned.	750/761. Duplicate. Tub VIII. Set Tub VIII. Set 26J.
50HCR	HC134	2015	11	Comment on Papers by K Shanahan that Propose to Explain Anomalous Heat Generated by Cold Fusion. Not Scanned.	690/012. Duplicate. Tub VIII. Set 25K.
50HCR	HC135	2003	8	Use of a Very sensitive Calorimeter. Not Scanned.	560/202. Duplicate. Tub VIII. Set 25L.
50HCR	HC136	2013	1	A Theory of Low Energy Nuclear Reactions (Cold Fusion). Not Scanned.	Duplicate. Tub VIII. Set 25M.
50HCR	HC137	2011		The Fall and Rise of Cold Fusion	885/N. Duplicate. Tub VIII. Set 25N.
50HCR	HC138	2012	6	An Explanation of Low Energy Nuclear Reactions (Cold Fusion). Not Scanned.	Tub VIII. Set 25O.
50HCR	HC139	2012	10	The Role of Voids as the Location of LENR. Not Scanned.	750/761. Duplicate. Tub VIII. Set 25P.
50HCR	HC140	2012	9	Cold Fusion from a Chemist's Point of View. Not Scanned.	940/1151. Duplicate. Tub VIII. Set 25Q.
50HCR	HC141	2014	5	Prometheus Fusion Laboratory Materials. Scanned.	Tub VIII. Set 26A.
50HCR	HC142	2014	7	LENRGY Laboratory Preparation Materials. Scanned.	Tub VIII. Set 26B.
50HCR	HC143	2015	3	Investigation of LENR for Energy Production by LENRGY Collaboration. Scanned.	Tub VIII. Set 26C.
50HCR	HC144			?	Moved from Set 103. Tub VIII. Set 27.
50HCR	HC145	1998	7	Letters from Entenman. Scanned.	Moved from sEt 106. Tub VIII. Set 28.
50HCR	HC146	2002	1	Case Effect Study. 2001-2002. Progress Report and Emails. Scanned.	Tub VIII. Set 29.
50HCR	HC147	2004	6	Lattice Energy Agreement. Scanned.	Tub VIII. Set 30.
50HCR	HC148	?		Kiva Lab Agreement. Scanned.	Tub VIII. Set 31.
50HCR	HC149	1995	4	Nova Resources Scanned.	Tub VIII. Set 32.

50HCR	HC150		Lab Notebooks 1 to 10 (Partial Collection). Described in Memos Dated August 18, 2015 and January 18, 2016.	Tub IX.
50HCR	HC151		Cold Fusion Now (Ruby Carat) Materials. 2014	Tub IX.
50HCR	HC152		Preliminary Prints of Storms' 2014 Book .	Three Copies, Two Bound and 1 Unbound. Tub IX.
50HCR	HC153	--	Tub X. Extra copies of the journal, "Infinite Energy".	TubX.
50HCR	HC154	--	Tub XI. Floppies, ZIP Disks, CDs, tc. LENR photographs.	Tub XI. Set A
50HCR	HC155		Component ZCD. Previous ZIP disks	Memos dated November 19, 2015, March 27, 2016. Tub XI. Set A
50HCR	HC156		Component ZCD. Previous CDs	Memos dated November 19, 2015, March 27, 2016. Tub XI. Set B1.
50HCR	HC157		Component CVD. CDs from LENR Library (reference needed)	Memo date October 23, 2016. Tub XI. Set B1.
50HCR	HC158		Component CVD. Added DVDs 1 to 5	Memo dated October 23, 2016. Tub XI. Set B1.
50HCR	HC159		Component CVD. Added CDs A, B. Overflow – C, D, E	Memo dated October 23, 2016. Tub XI. Set B1.
50HCR	HC160		Component FLD. LANL floppies	Memo dated October 22, 2016. Tub XI. Set B1.
50HCR	HC161		Component FLD. Floppis from Storms' office	Memo dated October 22, 2016. Tub XI. Set B1.
50HCR	HC162		Component CVD. Miscellaneous CDs (SEM disks)	Tub XI. Set B1.
50HCR	HC163		Storms' Pictures: Conferences, Laboratories, Experiment Cells	Memo dated December 20, 2016. Tub XI. Set B2.
50HCR	HC164		Selected Files Printed from 3-1/2-in Floppies	Memo dated October 22, 2016. Tub XI. Set B3.
50HCR	HC165		Tub XII. Filing Supplies	Tub XII

Appendix F. Research Laboratory: RSH

As noted in Section 7, the research lab operation began in about 1995, when it was set up in the lower floor of the main part of Dr. Storms' home. It was subsequently moved to its current location in the annex to the home. A specific timeline of experiments and activities in the lab has not yet been developed, but this may become possible in the future, at least at a general level, by inference from the Integrated Timeline in Stage 3.

Appendix G. Contents of LENR Library: LLB

Comp	No	Year	Mon	Event	Notes
70LLB	LB1	1989	5	Los Alamos National Laboratory and the US Department of Energy. Workshop on Cold Fusion Phenomena. Santa Fe, New Mexico (5/23-25/89)	Highlights of Papers, Agenda, Abstracts Selected for Poster Sessions
70LLB	LB2	1990	3	1st Annual Conference on Cold Fusion Conference (ICCF_1), Salt Lake City, Utah (3/28-31/90)	Proceedings, Participant List. Storms and Talcott: A Study of Electrolytic Tritium Production
70LLB	LB3	1990	7	Cold Fusion. World Hydrogen Energy Conference #8. Hawaii Hydrogen 90 (7/22-27/90)	Special Symposium Proceedings
70LLB	LB4	1990	12	Anomalous Nuclear Effects in Deuterium/Solid Systems, Provo, Utah	Institute of Physics, AIP Conference Proceedings 228
70LLB	LB5	1991	6	2nd Annual Conference on Cold Fusion (ICCF-2).The Science of Cold Fusion, Como, Italy (6/29/91 – 6/4/91)	Proceedings
70LLB	LB6	1992	10	3rd International Conference on Cold Fusion (ICCF-3). Frontiers of Cold Fusion (10/21-25/92)	Proceedings. Universal Academy Press, Inc. Frontiers Science Series No. 4, Tokyo
70LLB	LB7	1993	5	Hearing before the Subcommittee on Energy, Committee on Science, Space, and Technology (5/5/93)	US House Of Representatives, 103rd Congress, First Session
70LLB	LB8	1993	5	U.S. House Committee Hearing	CD in Envelope. Disk #1. Disc #2
70LLB	LB9	1993	7	4th International Conference on Cold Fusion (ICCF-4). Electric Power Research Institute. EPRI TR-104188-V1. Project 3170. Lahaina, Hawaii (12/6-9/93)	Proceedings: Volume 1: Plenary Session Papers
70LLB	LB10	1993	7	4th International Conference on Cold Fusion (ICCF-4). Electric Power Research Institute. EPRI TR-104188-V2. Project 3170. Lahaina, Hawaii (12/6-9/93)	Proceedings: Volume 2: Calorimetry and Materials Papers
70LLB	LB11	1993	7	4th International Conference on Cold Fusion (ICCF-4). Electric Power Research Institute. EPRI TR-104188-V3. Project 3170. Lahaina, Hawaii (12/6-9/93)	Proceedings: Volume 3: Nuclear Measurements Papers
70LLB	LB12	1993	7	4th International Conference on Cold Fusion (ICCF-4). Electric Power Research Institute. EPRI TR-104188-V4. Project 3170. Lahaina, Hawaii (12/6-9/93)	Proceedings: Volume 4: Fury and Special Topics Papers

70LLB	LB13	1993	12	4th International Conference on Cold Fusion (ICCF-4), Lahaina, Hawaii	Notebook, Volume 1
70LLB	LB14	1993	12	4th International Conference on Cold Fusion (ICCF-4), Lahaina, Hawaii (12/6-9/93)	Notebook, Volume 2
70LLB	LB15	1993	12	4th International Conference on Cold Fusion (ICCF-4), Lahaina, Maui, Hawaii (12/6-9/93)	Transactions of Fusion Technology. A Journal of the American Nuclear Society. Volume 26, Number 41, Part 2
70LLB	LB16	1994	8	Electric Power Research Institute. Project 3170–01, EPRI TR-104195	Development of Advanced Concepts for Nuclear Processes in Deuterated Metals
70LLB	LB17	1995	4	5th International Conference on Cold Fusion (ICCF-5), Monte Carlo, Monaco (4/9-13/95)	Book of Abstracts
70LLB	LB18	1995	4	5th International Conference on Cold Fusion (ICCF-5), Monte Carlo, Monaco (4/9-13/95)	Proceedings
70LLB	LB19	1995	4	5th International Conference on Cold Fusion (ICCF-5), Monte Carlo, Monaco (4/9-13/95)	List of Participant
70LLB	LB20	1995	9	Symposium on Fusion Engineering (SOFE '95): Seeking a New Energy Era, 16th IEEE/NPSS, Champaign, ILBinois (10/1-5/95)	Book of Abstracts
70LLB	LB21	1995	10	Symposium on Fusion Engineering (SOFE '95): Seeking a New Energy Era, 16th IEEE/NPSS, Champaign, Illinois (10/1-5/95)	Final Program. Symposium Timetable and General Information
70LLB	LB22	1996	10	6th International Conference on Cold Fusion, Hokkaido, Japan	Program and Abstracts
70LLB	LB23	1996	10	6th International Conference on Cold Fusion, Hokkaido, Japan (10/13-15/96)	List of Participants, Conference Program
70LLB	LB24	1996	10	2nd Conference on Low-Energy Nuclear Reactions College Station, Texas (9/13-14/96)	Proceedings. Journal of New Energy Volume 1, No. 3, 1996
70LLB	LB25	1996	10	6th International Conference on Cold Fusion: Progress in New Hydrogen Energy. New Energy and Industrial Technology Development Organization. The Institute of Applied Energy	Proceedings, Volumes 1 and 2.
70LLB	LB26	1997	5	Academy for New Energy The Fourth International Symposium on New Energy. Sponsored by the Academy for New Energy, Denver, Colorado (May 23-26, 1997)	Edmund Storms, A God's Eye View of Cold Fusion
70LLB	LB27	1997	11	Asti Workshop on Anomalies in Hydrogen/Deuterium Loaded Metals, Bologna, Italy (11/27-30/97)	
70LLB	LB28	1998	4	7th International Conference on Cold Fusion (ICCF-7), Vancouver, British Columbia (4/19-24/98)	Program Manual and Abstracts

70LLB	LB29	1998	4	7th International Conference on Cold Fusion (ICCF-7), Vancouver, British Columbia (4/19-24/98)	Proceedings
70LLB	LB30	1998	4	7th International Conference on Cold Fusion (ICCF-7), Vancouver, British Columbia (4/19-24/98)	List of Participants As of April 22, 1998
70LLB	LB31	1999	4	Future Energy: First International Conference on Future Energy (COFE), Washington, DC 4/29/99 – 5/1/99)	Proceedings. Integrity Research Institute
70LLB	LB32	1999	4	Collected Information about the New Science of Chemical Nuclear Interaction	Integrity Research Institute. Beltsville, Maryland
70LLB	LB33	1999	10	1999 Pacific Conference on Chemistry and Spectroscopy, Ontario, California	35th ACS Western Regional Meeting 37th SAS Pacific Conference
70LLB	LB34	1999	10	1999 Pacific Conference on Chemistry and Spectroscopy, Ontario, California	Archival Video Recording Table of Contents
70LLB	LB35	2000	4	Interview of Edmund Storms by Gene Mallove. (4/15/00)	CD in Envelope
70LLB	LB36	2000	5	8th International Conference on Cold Fusion (ICCF 8), Lerici (La Spezia), Italy (5/21-26/00)	List of Participants As of May 26, 2000
70LLB	LB37	2000	5	8th International Conference on Cold Fusion (ICCF 8), Lerici (La Spezia), Italy (5/21-26/00)	Proceedings of the Società Italiana Di Fisica, Editrece Compositori, Bologna, Italy
70LLB	LB38	2000	6	13th International Conference on Condensed Matter Nuclear Science (ICCF-13), Dagomys, Sochi, Russia (6/25/00 – 7/1/00)	Proceedings
70LLB	LB39	2001	3	Naval Research Laboratory. MRL/MR/6320-01-8526 (3/26/01)	Calorimetric Analysis of a Heavywater Electrolysis Experiment Using a pad-B ALBoy Cathode. Miles, Fleishman, Imam
70LLB	LB40	2001	12	Society for Scientific Exploration	Directory 2001
70LLB	LB41	2002	5	9th International Conference on Cold Fusion (ICCF-9), Beijing, China (5/19-24/02)	Proceedings
70LLB	LB42	2002	7	The 4th Meeting of Japan CF-Research Society (JCF-4), Morioka, Japan (10/17-18/02)	Abstracts, Program
70LLB	LB43	2002	8	The Collected Works of Edmund Storms about the Science of Chemically Assisted Nuclear Reactions.	Integrity Research Institute. Beltsville, Maryland
70LLB	LB44	2003	3	American Physical Society, Bulletin: Volume 48, Number 1, PART II (3/3-7/03)	Storms Abstract Z33-3: Why Cold Fusion Has Been so Hard to Explain and Duplicate
70LLB	LB45	2003	8	10th International Conference on ColdFusion (ICCF-10), Cambridge, Massachusetts (8/24-29/03)	Program and Abstracts, Program Summary, Group Photo

70LLB	LB46	2003	8	10th International Conference on ColdFusion (ICCF-10), Cambridge, Massachusetts (8/24-29/03)	Proceedings
70LLB	LB47	2004	10	The International Society for Condensed Matter Nuclear Science, Marseille France (10/31/04)	Agenda for the First Meeting of the Executive Committee
70LLB	LB48	2004	10	11th International Conference on Condensed Matter Nuclear Science (ICCF-11), Marseille, France (10/31/04 – 11/5/04)	Program Abstracts
70LLB	LB49	2004	10	11th International Conference on Condensed Matter Nuclear Science (ICCF-11), Marseille, France (10/31/04 – 11/5/04)	Proceedings. World Scientific, 2006
70LLB	LB50	2005	11	12th International Conference on Condensed Matter Nuclear Science (ICCF 12), Yokohama, Japan (11/27/05 – 12/2/05)	Abstracts
70LLB	LB51	2005	11	12th International Conference on Cold Fusion (ICCF-12), Yokohama, Japan (11/27/05 – 12/2/05)	Proceedings
70LLB	LB52	2007	10	8th International Workshop on Anomalies in Hydrogen/Deuterium Loaded Metals, Cannizzaro (CT), Sicily, Italy (10/13-18/07)	Book of Abstracts
70LLB	LB53	2007	10	8th International Workshop on Anomalies in Hydrogen/Deuterium Loaded Metals, Cannizzaro (CT), Sicily, Italy (10/13-18/07)	Proceedings
70LLB	LB54	2008	8	14th International Conference on Cold Fusion (ICCF-14), Washington DC (8/10-15/08)	Proceedings. Volume 1: Exciting New Science, Potential Clean Energy
70LLB	LB55	2008	8	14th International Conference on Cold Fusion (ICCF-14), Washington DC (8/10-15/08)	Proceedings Volume 2: Exciting New Science, Potential Clean Energy
70LLB	LB56	2008	8	14th International Conference on Cold Fusion (ICCF-14), Washington DC (8/10-15/08)	Group Photo
70LLB	LB57	2008	8	14th International Conference on Cold Fusion (ICCF-14). Exciting New Science, Potential Clean Energy (8/15/08)	Agenda and Abstracts
70LLB	LB58	2009	10	15th International Conference on Condensed Matter Nuclear Science (ICCF-15), Rome, Italy (10/5-9/09)	Proceedings
70LLB	LB59	2009	10	15th International Conference on Condensed Matter Nuclear Science (ICCF-15), Roma, Italy (10-9/09)	Program, Abstracts, Notes
70LLB	LB60	2011	2	16th International Conference on Condensed Matter Nuclear Science (ICCF-16), Celebrating the Centenary of the Discovery of the Atomic Nucleus, Chennai, India (2/6-11/11)	Proceedings
70LLB	LB61	2011	2	Wiley Encyclopedia of Energy and Technology. Volume 1: Nuclear Energy. Low-Energy Nuclear Reactions: Transmutations. (2/11)	Preprint of Chapter
70LLB	LB62	2011	2	16th International Conference on Condensed Matter Nuclear Science (ICCF-16), Chennai, India (2/6-11/11)	Abstracts

70LLB	LB63	2012	7	International Low-Energy Nuclear Reactions Symposium (ILENRS-12), Williamsburg, Virginia (7/1-3/12)	Terrestrial Nuclear Processes. Zero Momentum Light Element Reactors
70LLB	LB64	2013	7	International Conference on Cold Fusion (ICCF-18), Columbia, Missouri. Storms' Paper: An Informed Skeptic's View of Cold Fusion (7/21-27/03)	Conference Program, Participant Roster, Program Schedule. University of Missouri Fact Sheet.
70LLB	LB65	2013	7	National Security Innovation Center (7/21/13)	Low-Energy Nuclear Reaction Introductory Short Course

Appendix H. Conferences: CON

Comp	No	Year	Mon	Title	Conference
80CON	CN1	1990	3	Storms, E.K. and C.L. Talcott. A study of electrolytic tritium production. in The First Annual Conference on Cold Fusion. 1990. University of Utah Research Park, Salt Lake City, Utah: National Cold Fusion Institute. p. 149.	PB7. ICCF1. Salt Lake City, UT, USA. Proceedings, Participants, Copy of Paper
80CON	CN2	1991	6	ICCF-2. Lake Como, Italy. Did not attend conference	ICCF2. Lake Como, Italy. Proceedings
80CON	CN3	1992	10	Storms, E. Measurement of excess heat from a Pons-Fleischmann type electrolytic cell. in Third International Conference on Cold Fusion, "Frontiers of Cold Fusion". 1992. Nagoya Japan: Universal Academy Press, Inc., Tokyo, Japan. p. 21.	PB13. ICCF3. Nagoya, Japan. Proceedings
80CON	CN4	1993	12	Storms, E. Some characteristics of heat production using the "cold fusion" effect. in Fourth International Conference on Cold Fusion. 1993. Lahaina, Maui: Electric Power Research Institute 3412 Hillview Ave., Palo Alto, CA 94304. p. 4.	PB15. ICCF4. Lahaina, Maui, USA. Notebook Vol 1, Notebook Vol 2, Proceedings, (4 EPRI volumes), Transactions
80CON	CN5	1995	4	Storms, E. Status of "cold fusion". in 5th International Conference on Cold Fusion. 1995. Monte-Carlo, Monaco. p. 1.	PB25. ICCF5. Monte Carlo, Monaco. Abstracts, Proceedings, Participants
80CON	CN6	1996	10	Storms, E. Some thoughts on the nature of the nuclear-active regions in palladium. in Sixth International Conference on Cold Fusion, Progress in New Hydrogen Energy. 1996. Lake Toya, Hokkaido, Japan: New Energy and Industrial Technology Development Organization, Tokyo Institute of Technology, Tokyo, Japan. p. 105.	Program, Abstracts, Participants, Proceedings (2 Volumes)
80CON	CN7	1998	4	Storms, E.K. Relationship between open-circuit-voltage and heat production in a Pons-Fleischmann cell. in The Seventh International Conference on Cold Fusion. 1998. Vancouver, Canada: ENECO, Inc., Salt Lake City, UT. p. 356.	PB35. ICCF7. Vancouver, Canada. Program Manual and Abstracts, Proceedings
80CON	CN8	2000	5	Storms, E, Excess power production from platinum cathodes using the Pons-Fleischmann effect. in 8th International Conference on Cold Fusion. 2000. Lerici (La Spezia), Italy: Italian Physical Society, Bologna, Italy. p. 55-61.	PB45. ICCF8. Lerici, Italy. Participants, Proceedings
80CON	CN9	2002	5	ICCF-9. Beijing, China. Did not attend conference.	ICCF9. Beijing, China. Proceedings

80CON	CN10	2003	5	Storms, E.K. How to make a cheap and effective Seebeck calorimeter. in Tenth International Conference on Cold Fusion. 2003. Cambridge, MA: World Scientific Publishing Co. p. 269.	PB60. ICCF10. Cambridge, MA, USA. Program, Abstracts, Proceedings
80CON	CN11	2003	5	Storms, E.K. Use of a very sensitive Seebeck calorimeter to study the Pons-Fleischmann and Letts effects. in Tenth International Conference on Cold Fusion. 2003. Cambridge, MA: World Scientific Publishing Co. p. 183.	PB61. ICCF10. Cambridge, MA, USA. Program, Abstracts, Proceedings
80CON	CN12	2003	5	Storms, E.K. What conditions are required to initiate the LENR effect? in Tenth International Conference on Cold Fusion. 2003. Cambridge, MA: World Scientific Publishing Co. p. 285.	PB62. ICCF10. Cambridge, MA, USA. Program, Abstracts, Proceedings
80CON	CN13	2003	5	Rothwell, J. and E.K. Storms. The LENR-CANR.org website, its past and future. in Tenth International Conference on Cold Fusion. 2003. Cambridge, MA: World Scientific Publishing Co. p. 939.	PB63. ICCF10. Cambridge, MA, USA. Program, Abstracts, Proceedings
80CON	CN14	2004	10	Storms, E. An update of LENR for ICCF-11 (Short Course, 10/31/04). in 11th International Conference on Cold Fusion. 2004. Marseilles, France: World Scientific Co. p. 11.	PB67. ICCF11. Marseilles, France. Program, Abstracts, Proceedings
80CON	CN15	2005	11	Storms, E.K., Description of a sensitive Seebeck calorimeter used for cold fusion studies. in Condensed Matter Nuclear Science, ICCF-12. 2005. Yokohama, Japan: World Scientific. p. 108.	PB74. ICCF12. Yokohama, Japan. Abstracts, Proceedings
80CON	CN16	2007	10	ICCF-13. Dagomys, Sochi, Russia. Did not attend conference.	ICCF13. Sochi, Russia. Proceedings
80CON	CN17	2008	8	Storms, E.K. and B. Scanlan. Detection of radiation from LENR. in 14th International Conference on Condensed Matter Nuclear Science. 2008. Washington, DC: www.LENR.org. p. 261-287.	PB86. ICCF14. Washington, DC, USA. Proceedings, (2 Volumes) Group Photo, Agenda & Abstracts
80CON	CN18	2008	8	Storms, E.K. The method and results using Seebeck calorimetry. in ICCF-14 International Conference on Condensed Matter Nuclear Science. 2008. Washington, DC: www.lenr.org. p. 11-25.	PB88. ICCF14. Washington, DC, USA. Proceedings, (2 Volumes) Group Photo, Agenda & Abstracts
80CON	CN19	2009	10	Storms, E.K. and B. Scanlan. Role of cluster formation in the LENR process. in 15th International Conference on Condensed Matter Nuclear Science. 2009. Rome, Italy: ENEA. p. 331-336.	PB94. ICCF15. Rome, Italy. Proceedings, Program, Abstracts
80CON	CN20	2011	2	Storms, E.K. Examination of errors that occur when using a gas-filled calorimeter. in ICCF-16. 2011. Chennai, India: http://lenr-canr.org/acrobat/StormsEexaminatio.pdf. p.	PB100. ICCF16. Chennai, India. Proceedings, Abstracts
80CON	CN21	2012	8	ICCF-17. Daejeon, South Korea. Did not attend conference.	
80CON	CN22	2013	7	Storms, E.K., 2013. Explaining Cold Fusion. In ICCF-18. Columbia, MO.	ICCF18. Columbia, MO, USA. Program, Participants, Schedule
80CON	CN23	2015	4	ICCF-19. Padua, Italy. Did not attend conference.	

Appendix I Timeline from Dr. Storms' 2007 Book: BOK

Comp	No	Year	Mon	Event or Item	Notes
90BOK	BK1	1989	3	First LANL cold fusion meeting: Electrochemical Fusion (3/27/1989)	
90BOK	BK2	1989	3	First LANL cold fusion work - Shimshon Gottesfeld (MEE-11) (3/28/1989)	
90BOK	BK3	1989	4	Visit to LANL by Stanley Pons (4/18/1989)	
90BOK	BK4	1990	2	Visit to LANL by Martin Fleischmann	
90BOK	BK5	1989	4	Multiple programs underway at LANL and seven other National Labs (4/19/1989)	
90BOK	BK6	1989	5	American Physical Society special section on cold fusion (5/1/1989)	
90BOK	BK7	1989	5	Electrochemical Society Meeting, with Fleishman and Pons Presentation (5/5 or 7/1989)	
90BOK	BK8	1989	5	LANL-DOE workshop in Santa Fe (5/23/1989)	
90BOK	BK9	1989	4	Energy Research Advisory Board (ERAB) panel formed by Secretary of Energy James Watkins (4/24/1989)	
90BOK	BK10	1989	5	Only two teams bragging of cold fusion success (late May)	
90BOK	BK11	1989	4	Fleishman and Pons addressed meeting of American Chemical Society (early April)	
90BOK	BK12	1989	4	Materials Research Society Meeting (4/26/1989)	
90BOK	BK13	1989	13	Tritium studies with more than 250 cells by Storms and Talcott (late 1989 to 1990)	
90BOK	BK14	1989	13	Tritium detection in cold fusion experiments by Tom Claytor (late 1989 to 1990)	
90BOK	BK15	1989	11	ERAB report released	
90BOK	BK16	1990	13	Cold Fusion Institute formed in Salt Lake City, directed by Fritz Will (1990-1991)	
90BOK	BK17	1990	3	First ICCF Conference, Salt Lake City (3/28/90)	
90BOK	BK18	1990	7	World Hydrogen Energy Conference, Hawaii	
90BOK	BK19	1990	10	Meeting at Brigham Young University hosted by Steve Jones	
90BOK	BK20	1991	12	"Fire from Ice" by Eugene Mallove	
90BOK	BK21	1991	12	"Too Hot to Handle" by Frank Close	

90BOK	BK22	1991	13	Comprehensive review of LENR up to May 1991 by Storms
90BOK	BK23	1991	12	Storms receives funding from LANL division leader
90BOK	BK24	1991	12	Palladium samples from Takahashi in Japan analyzed
90BOK	BK25	1993		Publication of results of Takahashi analyses
90BOK	BK26	1993	5	Storms requested to testify before the Community on Committee on Science, Space, and Technology of the US House of Representatives (with Randell Mills and Bogadan Maglich) (5/5/93)
90BOK	BK27	1991	13	Storms retired (as staff member) from LANL; continued as consultant, worked on cold fusion periodically
90BOK	BK28	1993	13	"Bad Science: the Life and Times of Cold Fusion" by Gary Taubes
90BOK	BK29	1993	13	Storms final retirement from LANL
90BOK	BK30	1993	13	"Cold Fusion, Scientific Fiasco of the Century" by John Huizenga
90BOK	BK25	1994	13	Storms joined Board of Directors of ENECO by request of Charles Becker
90BOK	BK26	1994	13	Submitted proposal to DOE with Steven Jones, Brigham Young University. Not accepted.
90BOK	BK27	1998	13	Storms left ENECO
90BOK	BK28	1996	13	New Hydrogen Energy (NHE) Laboratory created by Japanese government
90BOK	BK29	1998	10	Storms invited to Japan for a week of consultation by NHE Laboratory
90BOK	BK30	1998	11	Storms and McKubre included among 25 persons featured in Wired Magazine: "Those Who Dare…"
90BOK	BK28	1998	13	Work in Storms' lab supported by Charles Entenmann and Jed Rothwell (1998-2003)
90BOK	BK29	2003	13	Support from Entenmann and Rothwell discontinued
90BOK	BK30	2002	13	Creation of LENR-CANR.org website by Jed Rothwell
90BOK	BK31	2004	13	"The Rebirth of Cold Fusion" by Steven Krivit and Nadine Winocour
90BOK	BK32	2002	13	"Excess Heat: Why Cold Fusion Prevailed" by Charles Beaudette
90BOK	BK33	2003	4	Storms joined Lattice Energy as Senior Scientist, invited by Lewis Larsen
90BOK	BK34	2006	4	Storms left Lattice Energy
90BOK	BK28	2004		DOE persuaded to review the subject of cold fusion again
90BOK	BK29	2004	8	DOE meeting in Washington, D.C. (8/23/04)
90BOK	BK30	2005	13	Storms received GIuliano Preparata Medal at ICCF-5