



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 13, 1993

MEMORANDUM TO: Robert Nelson, Chief  
Regulatory Issues Section, LLDP/DWM/NMSS

FROM: Dominick A. Orlando, Project Manager  
Regulatory Issues Section, LLDP/DWM/NMSS *DO*

SUBJECT: SUMMARY OF TRAINING ON THE NMSS DECOMMISSIONING  
HANDBOOK

In response to requests from the Nuclear Regulatory Commission's Regional offices, staff of the Low-Level Waste and Decommissioning Projects Branch (LLWP) developed a 1-day workshop on the NMSS Handbook on Decommissioning Fuel Cycle and Materials Licenses. Locations and dates of the workshops, as well as a participant list, are included in Attachment 1. Seventy-one NRC Regional staff members as well as three staff members from the Oklahoma Department of Environmental Quality and the Center for Nuclear Waste Regulatory Analysis participated in the workshop.

In addition to providing an overview of the Decommissioning Handbook, LLDP staff requested that the Regional staff provide suggestions on how future revisions to the Handbook could be improved. These suggested revisions are summarized in Attachment 2. Based on comments by the staff participants it appears that the attendees felt that the workshop was beneficial. John Greeves indicated that we should develop modular, video-training for use by new employees on the decommissioning procedures. I have contacted ADM regarding this project and will discuss it with you in the future.

In conjunction with the workshop in Region III, on March 6, 1998, at the request of staff of the Environmental Protection Agency, I participated in a visit to the Dresden Nuclear Power Plant to discuss mixed waste management issues with plant staff. This visit was arranged by the Edison Electric Institute and the Utility Solid Waste Activities Group to support their request to EPA to develop regulations for the storage and disposal of mixed radioactive and hazardous waste. NRC staff have been assisting EPA staff in this effort, as resources permit, for the past year. The agenda for the visit as well as a participant list and copies of the information provided by ComEd staff are included in Attachment 3.

Based on discussions with ComEd staff, the following conclusions can be made concerning the mixed waste generated in the ComEd system:

- 1. Because of the single loop design of a Boiling Water Reactor these facilities are expected to produce more mixed waste than a Pressurized Water Reactor;

Contact: D. Orlando, DWM/NMSS  
(301) 415-6749

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R. Nelson

- 2. The principal mixed waste currently generated in the ComEd system is from maintenance activities;
- 3. Legacy mixed waste, such as dry cleaning chemicals, remain a problem;
- 4. ComEd staff expect that decommissioning activities will potentially produce mixed waste consisting principally of fission product-contaminated lead-based paint, Mercury switches, Polychlorinated biphenyls in paint, lead coatings, and soil contaminated with fuel oil;
- 5. ComEd staff indicated that, while treatment capacity may be technically available for many mixed waste streams, it is not currently permitted;

If you have any questions concerning the training or the visit to the Dresden Nuclear Power station please contact me.

Attachments: As stated

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DATE	3/1/98	3/13/98							

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LSS:    YES \_\_\_ NO X

ACNW:    YES \_\_\_ NO X

IG:    YES \_\_\_ NO X    Delete file after distribution YES \_\_\_ NO \_\_\_

2. The principal mixed waste currently generated in the ComEd system is from maintenance activities;
3. Legacy mixed waste, such as dry cleaning chemicals, remain a problem;
4. ComEd staff expect that decommissioning activities will potentially produce mixed waste consisting principally of fission product-contaminated lead-based paint, Mercury switches, Polychlorinated biphenyls in paint, lead coatings, and soil contaminated with fuel oil;
5. ComEd staff indicated that, while treatment capacity may be technically available for many mixed waste streams, it is not currently permitted;

If you have any questions concerning the training or the visit to the Dresden Nuclear Power station please contact me.

Attachments: As stated

NMSS Decommissioning Handbook Workshop Participants List

NRC Region I - February 11, 1998

Heather Astwood	George Pangburn	Ronald Bellamy	John Greeves
Steve Shaffer	John Wray	Jenny Johansen	C. Thor Oberg
Todd Jackson	C.G. Amato	M.T. Miller	J.A. Joustra
Michelle Beardsley	Tara Weidner	Sher Arredondo	Nellham Bhalla
Louis Manning	M. Shanbaky	Richard McKinley	Richard Gibson, Jr.
John McGrath	James Kottan	Craig Gordon	Mark Roberts
Larry Bell	Teresa Darden	John Kinneman	

NRC Region II - February 18, 1998

Narvaez Stinson	Wade Loo	Orysia Bailey	Eldan Testa
John Pelchat	Michael Fuller	David Collins	Richard Woodruff
Tom Decker	W.B. Gleesen	Bryan Parker	

NRC Region III - March 4, 1998

Colleen Casey	Michael LaFranzo	Gidget Watson	Charles Gill
Edward Kulzer	Peter Lee	Mike Weber	Bill Reichhold
Tony Go	George Parker	Patty Peike	Cassandra Fraizer
Loren Hueter	William Snell	Mike McCann	Jim Mullauer
John House	Bruce Jorgensen		

NRC Region IV - February 25, 1998

Jack Whitten	Richard Leonardi	Jacqueline Cook	Linda Howell
Bob Brown	Louis Carson	Jim Montgomery	Christi Hernandez
Danny Rice	Blair Sptizberg	Chuck Cain	Mark Shaffer
Linda McLean	Douglas Simpkins	Anthony Gaines	Vivian Campbell
H. Dean Chaney			

Also attending the workshop in Region IV were:

Mike Broderick - Oklahoma Department of Environmental Quality (ODEQ)  
Pamela Bishop - ODEQ  
Earlon Shirley - ODEQ  
Pat Macklin - Center for Nuclear Waste Regulatory Analysis

Summary of Suggested Revisions to the NMSS  
Decommissioning Handbook

1. Inform licensees of the Decommissioning Handbook and provide copies, as needed
2. Provide the Regions with the August 12, 1997, memo from John Hickey regarding the application of 30.36(d)
3. Provide licensees with the surface contamination default tables from NUREG-1549 and describe the NRC staff's expectations regarding the use of the values in the tables (As of 3/2/98, publication of these tables will be delayed)
4. Include additional guidance for determining when a Decommissioning Plan is required
5. Clarify that, for Type I decommissionings where the licensee will demonstrate that its facility meets NRC's criteria for unrestricted use by submitting sealed source leak tests, the licensee is only responsible for providing leak test information on sources that are in the licensee's possession at the time the licensee decides to terminate its license
6. Clarify whether a license is terminated by an amendment or a letter
7. Clarify the applicability of the procedures in NUREG/CR-5849 vs those in the MARSSIM
8. Do not use the term "small quantities of radioactive material" when discussing the decommissioning facilities under Type II vs Type III (see footnote of the Handbook)
9. Clarify whether or not non-AEA material should be considered when assigning decommissioning Types
10. Include a definition of a "sealed source"
11. Include language for inclusion in letters amending licenses that indicate that the action qualifies as a categorical exclusion
12. Indicate how long after a request for a hearing is made by an individual must the hearing occur
13. Clarify how a non-licensed site will be managed if license termination is requested under 10 CFR 20.1404
14. Clarify that "release in accordance with NRC requirements" in the timeliness rule's discussion of separate buildings and outdoor areas means release for unrestricted use.

15. Expand the discussion of the timeliness rule to include the staff's expectations for how Master Materials licensees will comply with the rule's notification requirements and manage the release of their facilities
16. Discuss how the staff should manage a situation where a licensee shuts down operations, determines that its facility is not suitable for unrestricted use, remediates it then "decides" to permanently cease licensed operations
17. Provide additional examples of the staff's expectations for how Broad Scope licensees will comply with the timeliness rule's requirements, as well as manage the release of their facilities. For example, how would a B.S. close and release: 1) a building not specifically listed on the license, 2) close and release and sell a building not listed on the license

**USEPA SITE VISIT – MIXED WASTE ISSUES**  
**Commonwealth Edison Dresden Station**

**\*\* AGENDA \*\***

- I. USEPA Onsite and Introductions  
(8:00 – Chemistry Building Conference Room)
- II. Description of BWR Plant Operations  
(Grace Majewski)
- III. Discussion of Low-Level Radwaste (LLRW) and Mixed Waste Management Issues
  - A. Processes producing mixed waste and low-level radwaste  
(Grace Majewski, Don Rink, Mike Muth, Steve Lorenz)
    - Wastestreams generated
    - Quantities and generation frequencies
    - Waste minimization efforts
  - B. Regulatory requirements for LLRW and mixed waste under NRC regulations  
(Grace Majewski, Mike Muth, Steve Lorenz)
    - Waste management practices
  - C. Treatment and disposal options for LLRW and mixed waste  
(Grace Majewski, Mike Muth, Steve Lorenz)
  - D. ComEd experiences with RCRA requirements for mixed waste  
(Grace Majewski)
    - Permitting
    - Storage and transportation
    - Closure and corrective action
- IV. Decommissioning Issues  
(Pat Quealy, Bruce Mann, Adam Levin)
- V. Tour of Mixed Waste Storage Facility  
(Don Rink)
- VI. Closing Remarks

Name	ComEd/NRC/EPA	Area of Interest/Expertise	Phone	Email
Jenni Cawein	ComEd	USWAG contact / General RCRA	312-394-3968	Jennifer.cawein@ucm.com
Grace Majewski	ComEd	ESD/RCRA + mixed waste	(312) 394-4453	grace.l.majewski@ucm.com
Bruce Mann	ComEd	Decomm / Characterization	610(661-5558)	bruce.mann@ucm.com
Patrick D. Quenly	ComEd	UI Decomm H.P.	(815) 942-9200 x2492	patrick.d.quenly@ucm.com
Dominick Deliano	USNRC	mixed waste	301-415-6749	DAO at NRC.GOV
Eric Glantz	U.S. EPA / Region 5	LLRW / mixed waste	312/886-5046	glantz.e@epa.gov
Melanie S. Berger-Garvey	EPA/OECA	DOE / Federal facility mixed waste	202-564-2579	garvey.melanie@epa.gov
Nancy Hunt	EPA/OSW	mw storage & disposal	703-308-8762	hunt.nancy@epa.gov
Chris Rhyme	EPA/OSW	mw storage	703 308 8698	Rhyme.Chris@epa.gov
Michael T. Muth	ComEd	RADWASTE	(815) 942-2020, 2368	MICHAEL.T.MUTH@UCM.COM
STEVEN M. LORENZ	ComEd	RADWASTE MGMT.	630/663-3521	LORENZSM@comail.com
DONALD R. RINK	ComEd	WASTE PRODUCTS CHEMIST	(815) 942-2120 (2441)	
Malcolm Wolf	Piquet/Murky	mw mgmt	262/861-3908	malcolm.wolf@piquetc.com

MIXED WASTE STORAGE AREA

A

NORTH

A / S / L / E	ROW O	A / S / L / E	ROW N	A / S / L / E	ROW M	A / S / L / E	ROW L	A / S / L / E	ROW K	A / S / L / E	ROW J	A / S / L / E	ROW I	A / S / L / E	ROW H	A / S / L / E	ROW G	A / S / L / E	ROW F	A / S / L / E	ROW E	A / S / L / E	ROW D	A / S / L / E	ROW C	A / S / L / E	ROW B	A / S / L / E	ROW A	A / S / L / E	
	DR96-010		DR96-003						DR96-052		DR96-047		DR96-015				DR96-012		DR96-017												
	DR96-009		DR96-008					DR96-054	DR96-051		DR96-051		DR96-027		DR96-028		DR96-013		DR96-020												
	DR96-011		DR96-006		DR96-030		DR96-032	DR96-040	DR96-042		DR96-042		DR96-022		DR96-025		DR96-018		DR96-014												
	DR96-004		DR96-005		DR96-029		DR96-031	DR96-046	DR96-043		DR96-043		DR96-023		X		DR96-019		DR96-021												
	X		DR96-007		DR96-037		DR96-035	DR96-045	DR96-044		DR96-044						X		DR96-016												
	X		X		DR96-034		DR96-033	DR96-041	DR96-048		DR96-048						X														
					DR96-038		DR96-036	DR96-053	DR96-026		DR96-026																				
					X		DR96-039	DR96-049	DR96-043		DR96-043																				
NON RADIOACTIVE AREA																															
POTENTIAL MIXED WASTE / DRUM SCREENING STORAGE AREA																															
NON RADIOACTIVE AREA																															

CATEGORY 2

DATA SHEET 1

UNIT G

10/30/96

MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

DCP 1023-02  
REVISION 03

STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

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DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-003	FLY ASH	D004 D005 D006 D007 D008 D010	55 GAL DR	55	5/24/90	90-138			37 GALLONS DR90-030 (PMW-038) 18 GALLONS DR90-026 (PMW-034)
DR96-004	FLY ASH	D004 D005 D006 D007 D008 D010	55-GAL DR	55	5/24/90	90-138			37 GALLONS DR90-031 (PMW-039) 18 GALLONS DR90-026 (PMW-034)
DR96-005	FLY ASH	D004 D005 D006 D007 D008 D010	55-GAL DR	55	5/24/90	90-138			37 GALLONS DR90-036 (PMW-045) 18 GALLONS DR90-032 (PMW-040)

CATEGORY 2

DATA SHEET 1

UNIT 6

MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

DCP 1023-02  
REVISION 03

10/30/96

STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-006	FLY ASH	D004 D005 D006 D007 D008 D010	55-GAL DR	55	5/24/90	90-138			37 GALLONS DR90-032 (PMW-040) 18 GALLONS DR90-025 (PMW-033)
DR96-007	FLY ASH	D004 D005 D006 D007 D008 D010	55-GAL DR	55	5/24/90	90-138			37 GALLONS DR90-028 (PMW-036) 18 GALLONS DR90-033 (PMW-041)
DR96-008	FLY ASH	D004 D005 D006 D007 D008 D010	55-GAL DR	55	5/24/90	90-138			41 GALLONS DR90-034 (PMW-042) 14 GALLONS DR90-029 (PMW-037)

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STATION NAME DRESDEN

STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

UNIT G  
DCP 1023-02  
REVISION 03

MIXED WASTE STORAGE OPERATING LOG

DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-009	FLY ASH	D004 D005 D006 D007 D008 D010	55-GAL DR	55	5/24/90	90-138			28 GALLONS DR90-029 (PMW-037) 27 GALLONS DR90-027 (PMW-035)
DR96-010	FLY ASH	D004 D005 D006 D007 D008 D010	55-GAL DR	55	5/24/90	90-138			27 GALLONS DR90-037 (PMW-046) 28 GALLONS DR90-027 (PMW-035)
DR96-011	FLY ASH	D004 D005 D006 D007 D008 D010	55-GAL DR	55	5/24/90	90-138			37 GALLONS DR90-035 (PMW-043) 19 GALLONS DR90-033 (PMW-041)

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 MIXED WASTE STORAGE OPERATING LOG  
 STATION NAME DRESDEN  
 STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

UNIT G  
 DCP 1023-02  
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DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-012	PAINT SLUDGE / SOLIDS	D001 D007 D008 F002	55-GAL DR	52	12/13/93	DR93-012			52 GALLONS MW93-046 059 (SOLIDS)
DR96-013	PAINT SLUDGE / SOLIDS	D001 D007 D008 F002	55-GAL DR	55	12/13/93	DR93-012			44 GALLONS MW93-045 (021 - SOLIDS) 11 GALLONS MW93-047 (184 - SOLIDS)
DR96-014	PAINT SLUDGE / SOLIDS	D001	55-GAL DR	55	7/25/91	91-017			42 GALLONS - MW93- 042 (DR91-017, DR91- 018) SOLIDS 13 GALLONS - MW93- 041 (DR91-017, DR91- 008) SOLIDS

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MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

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REVISION 03

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STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-015	PAINT / SOLVENT ( LIQUID )	D001 D005 D006 D007 D008 D010 D018 D029 D035 D036 D039 F002	55-GAL DR	40	10/24/96	91-017 DR93-012			6 GALLONS - 93-041 12 GALLONS - 93-042 15 GALLONS - 93-044 5 GALLONS - 93-045 2 GALLONS - 93-046
DR96-016	OIL ABSORBENT / SOLVENT / OIL	D001	55-GAL DR	53	10/24/96	91-017 90-122A 90-122B			25 GALLONS MW93-041 18 GALLONS MW90-023
DR96-017	PAINT SLUDGE / ABSORBENT	D001	55-GAL DR	55	5/23/90	N/A			55 GALLONS MW90-002 (MW-002)

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MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

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DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-018	PAINT SLUDGE / ABSORBENT	D001	55-GAL DR	55	5/23/90	N/A			10 GALLONS MW90-002 (MW-002) 45 GALLONS MW90-003 (MW-003)
DR96-019	OIL / PAINT SLUDGE / ABSORBENT	D001	55-GAL DR	55	5/23/90	N/A			15 GALLONS MW90-004 (MW-004) 40 GALLONS MW90-003 (MW-003)
DR96-020	OIL / PAINT SLUDGE	D001	55-GAL DR	55	5/23/90	N/A			55 GALLONS MW90-004 (MW-004)

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MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

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REVISION 03

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STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-021	OIL / PAINT SLUDGE / ABSORBENT	D001	55-GAL DR	55	5/23/90	N/A			5 GALLONS MW90-004 (MW-004) 50 GALLONS MW90-001 (MW-001)
DR96-022	OIL / PAINT SLUDGE	D001 F005	55-GAL DR	55	10/24/96	N/A DR93-039			15 GALLONS MW90-001 (MW-001) 40 GALLONS 94-003 (CE12-14-93-03)
DR96-023	OIL / SOLVENT SLUDGE / SOLIDS	F001 F005	55-GAL DR	55	10/24/96	90-113 90-108 90-110			55 GALLONS DR93-038 (DR90-040) (DR90-018)

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MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

UNIT G  
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STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-024	OIL / SOLVENT / PAINT SLUDGE / SOLIDS	F001 F005 D001 D005 D006 D007 D008 D010 D018 D029 D035 D036 D039	55-GAL DR	55	10/24/96	90-113 90-108 90-110 N/A (MSDS)			5 GALLONS DR93-038 (DR90-040) (DR90-018) 40 GALLONS DR93-044 (DR90-019) (DR91-031) 5 GALLONS DR95-001 (ESD REVIEW)
DR96-025	OIL / SOLVENT / PAINT SLUDGE / SOLIDS	D001 F001	55-GAL DR	55	10/24/96	90-115 91-031			55 GALLONS DR93-040 (DR90-019) (DR91-031)
DR96-026	OIL / SOLVENT (LIQUID)	F001 F005	55-GAL DR	36	10/24/96	90-113 90-108 90-110			36 GALLONS 1027 (DR90-018) (DR90-040) (NOT REPACKAGED)

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MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

UNIT 6

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DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-027	VISCOSE OIL / SOLVENT	D001	55-GAL DR	55	5/23/90	90-109			55 GALLONS DR90-021 (PMW-004)
DR96-028	SCREENING MATERIAL (LIQUID)	D001 D005 D006 D007 D008 D010 D018 D029 D035 D036 D039	55-GAL DR	55	12/17/93	N/A			55 GALLONS DR93-043 (1356)
DR96-029	SPENT FREON CLEANER FILTERS	F002	55-GAL DR	55	5/23/90	N/A			55 FILTERS 90-017

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MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

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DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-030	SPENT FREON CLEANER FILTERS	F002	55-GAL DR	55	5/23/90	N/A			3 FILTERS ( 90-017 ) 5 FILTERS ( 91-036 ) 55 FILTERS ( 90-016 ) 7 FILTERS ( 90-009 )
DR96-031	SPENT FREON CLEANER FILTERS	F002	55-GAL DR	55	5/23/90	N/A			27 FILTERS 90-009 50 FILTERS 90-010
DR96-032	SPENT FREON CLEANER FILTERS	F002	55-GAL DR	55	5/23/90	N/A			65 FILTERS 90-013 10 FILTERS 90-012

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MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

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STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-033	SPENT FREON CLEANER FILTERS	F002	55-GAL DR	55	5/23/90	N/A			43 FILTERS 90-007 46 FILTERS 90-012
DR96-034	SPENT FREON CLEANER FILTERS / ABSORBENT	F002	55-GAL DR	55	5/23/90	N/A			14 FILTERS ( 90-007 ) 32 FILTERS ( 90-006 ) 8 FILTERS ( 90-014 ) 17 GALLONS OF ABSORBENT ( 90-007 )
DR96-035	SPENT FREON CLEANER FILTERS / ABSORBENT	F002	55-GAL DR	55	5/23/90	N/A			53 FILTERS ( 90-014 ) 5 GALLONS OF ABSORBENT ( 90-014 ) 15 GALLONS OF ABSORBENT ( 90-006 )

CATEGORY 2

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MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

DCP 1023-02  
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STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-036	SPENT FREON CLEANER FILTERS / ABSORBENT	F002	55-GAL DR	55	5/23/90	N/A			70 FILTERS ( 90-005 ) 8 GALLONS OF ABSORBENT ( 90-011 ) 3 GALLONS OF ABSORBENT ( 90-005 )
DR96-037	SPENT FREON CLEANER FILTERS / ABSORBENT	F002	55-GAL DR	55	5/23/90	N/A			4 FILTERS ( 90-011 ) 8 FILTERS ( 90-008 ) 10 GALLONS OF ABSORBENT ( 90-008 ) 36 GALLONS OF ABSORBENT ( 90-011 )
DR96-038	SPENT FREON CLEANER FILTERS / ABSORBENT	F002	55-GAL DR	55	5/23/90	N/A			12 FILTERS ( 90-015 ) 44 FILTERS ( 90-008 ) 20 GALLONS OF ABSORBENT ( 90-008 ) 5 GALLONS OF ABSORBENT ( 90-015 )

CATEGORY 2

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MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

UNIT G

DCP 1023-02

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DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-039	SPENT FREON CLEANER FILTERS / ABSORBENT	F002	55-GAL DR	55	5/23/90	N/A			56 FILTERS ( 90-015 ) 18 GALLONS OF ABSORBENT ( 90-015 )
DR96-040	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1475
DR96-041	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1476

CATEGORY 2

10/30/96

DATA SHEET 1

MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

UNIT G

DCP 1023-02

REVISION 03

DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-042	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1477
DR96-043	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1478
DR96-044	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1479

CATEGORY 2

DATA SHEET 1

UNIT G

MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

DCP 1023-02

REVISION 03

10/30/96

STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-045	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1480
DR96-046	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1481
DR96-047	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1482

CATEGORY 2

10/30/96

DATA SHEET 1  
MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

UNIT G  
DCP 1023-02  
REVISION 03

DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-048	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1483
DR96-049	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1484
DR96-050	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1485

CATEGORY 2

10/30/96

DATA SHEET 1

MIXED WASTE STORAGE OPERATING LOG

STATION NAME DRESDEN

STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

UNIT G

DCP 1023-02

REVISION 03

DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-051	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1486
DR96-052	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1487
DR96-053	CHLORINATED OIL / WATER	F002 D005 D006 D008	55-GAL DR	55	10/30/96	96-012			1488

CATEGORY 2

10/30/96

DATA SHEET 1  
MIXED WASTE STORAGE OPERATING LOG  
STATION NAME DRESDEN  
STORAGE FACILITY LOCATION MIXED WASTE STORAGE FACILITY

UNIT G  
DCP 1023-02  
REVISION 03

DRUM NUMBER	WASTE NAME	WASTE CODE	CONTAINER	QTY (GALS)	DATE RECEIVED	SAMPLE NUMBER	DATE REMOVED	MANIFEST NUMBER	COMMENTS
DR96-054	CHLORINATED OIL / WATER	F002 D005 D006 D003	55-GAL DR	28	10/30/96	96-012			1491
52	TOTAL CONTAINERS			2794	TOTAL GALLONS				

5. ComEd staff indicated that, while treatment capacity may be technically available for many mixed waste streams, it is not currently permitted;

If you have any questions concerning the training or the visit to the Dresden Nuclear Power station please contact me.