Exelon Generation Company, LLC
Dresden Nuclear Power Station
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Exelon Nuclear

February 20, 2006

SVPLTR #06-0013

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Dresden Nuclear Power Station, Unit 2
Renewed Facility Operating License No. DPR-19
NRC Docket No. 50-237

Subject: Owner's Activity Report Submittal
Fourth 10-Year Interval 2005 Refueling Outage Activities

This letter submits the Owner's Activity Report (i.e., Form OAR-1) and In Vessel Visual Inspection (IVVI) Report for the Dresden Nuclear Power Station (DNPS) Unit 2 refueling outage (D2R19) which began on October 20, 2005, and was completed on November 20, 2005. This is the second refueling outage conducted in the first inspection period of the fourth 10-year inservice inspection interval for DNPS Unit 2. A copy of the Owner's Activity Report and IVVI Report are provided as attachments to this letter.

This Owner's Activity Report is submitted in accordance with American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code Case N-532-1, "Alternate Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission," and Regulatory Guide 1.147, "Inservice Inspection Code Case Acceptability, ASME Section XI, Division 1," Revision 14. Code Case N-532-1 requires an Owner's Activity Report Form OAR-1 to be prepared and certified upon completion of each refueling outage. In accordance with the conditions of Regulatory Guide 1.147, this OAR-1 form is being submitted within ninety days of the completion of the refueling outage.

The IVVI report meets the reporting requirements of BWRVIP-18, "BWR Vessel and Internals Project, BWR Core Spray Internals Inspection and Flaw Evaluation Guidelines" and BWRVIP-94, "BWR Vessel and Internals Project Program Implementation Guide."

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Should you have any questions concerning this letter, please contact Mr. Pedro Salas, Regulatory Assurance Manager, at (815) 416 - 2800.

Respectfully,

David B. Wozniak for/Danny G. Bost

Danny G. Bost
Site Vice President
Dresden Nuclear Power Station

Attachments: 1) Owner's Activity Report, Form OAR-1 D2R19
2) In Vessel Visual Inspection Report – D2R19

cc: Regional Administrator – Region III
NRC Senior Resident Inspector, Dresden Station

ATTACHMENT 1

Owner's Activity Report, Form OAR-1

D2R19

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number: Refueling Outage D2R19 OAR-1

Owner: Exelon Generation Company (EGC, LLC), 300 Exelon Way, Kennett Square, PA, 19348
(Name and Address of Owner)

Plant: Dresden Nuclear Power Station, 6500 N. Dresden Road, Morris, IL 60450
(Name and Address of Plant)

Unit No. 2 (if applicable) Commercial Service Date 06-09-1970 Refueling outage no. D2R19

Current inspection interval: 4th Inspection Interval
(1st, 2nd, 3rd, 4th, other)

Current inspection period: 1st Inspection Period
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plan: 1995 Edition with 1996 Addenda

Date and revision of inspection plan: 02/20/2006 Revision 4

Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan: N/A

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. None (if applicable) Expiration Date Not Applicable

Signed John N. Kiel, ISI Coordinator Date 2/17/06
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, and employed by HSBCT of Hartford, Connecticut have inspected the items described in this Owner's Activity Report, during the period 1/28/2004 to 2/17/2006, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations tests, repairs, replacements, evaluations, and corrective measures described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL 1546
National Board, State, Province, and Endorsements

Date 2/17/06

TABLE 1
ABSTRACT OF EXAMINATIONS AND TESTS

Examination Category	Total Examinations Required for The Interval	Total Examinations Credited for This Period	Total Examinations Credited (%) For The Period	Total Examinations Credited (%) To Date for The Interval	Remarks
B-A	2	0	0	0	Components scheduled in accordance with Program B. One during the second inspection period and one during the third inspection period.
	25	0	0	0	Deferral Permissible
B-D	62	16	26	26	Components scheduled in accordance with Program B.
B-G-1	5	1	20	20	Deferral Permissible
B-G-2	34	8	24	24	Components scheduled in accordance with Program B.
	1	1	100	100	Examinations limited to components selected under Examination Category B-L-2 and B-M-2.
B-K	13	4	31	31	Components scheduled in accordance with Program B.
B-L-2	N/A	N/A	N/A	N/A	Examinations limited to disassembled components.
B-M-1	1	0	0	0	Deferral Permissible
B-M-2	5	5	100	100	Examinations limited to disassembled components.
B-N-1	3	1	33	33	One component examined each inspection period.
B-N-2	60	15	25	25	Deferral Permissible
B-O	8	0	0	0	Deferral Permissible
B-P	10	4	40	40	Two pressure tests performed each refuel outage.
C-A	2	0	0	0	Components scheduled in accordance with Program B. One during the second inspection period and one during the third inspection period.
C-B	12	2	17	17	Components scheduled in accordance with Program B.
	18	6	33	33	Six components examined each inspection period.
C-C	11	2	18	18	Components scheduled in accordance with Program B.
C-H	54	17	31	31	Eighteen pressure tests performed each inspection period.
F-A	142	45	32	32	Components scheduled in accordance with Program B.
R-A	75	20	27	27	Components scheduled in accordance with Program B.
	105	42	40	40	Twenty-one components examined each refuel outage.

TABLE 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category	Item Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)

No items with flaws or relevant conditions required evaluation for continued service during the period covered by this report.

TABLE 3
ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES REQUIRED FOR CONTINUED SERVICE

Code Class	Repair, Replacement, or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Date Completed	Repair/ Replacement Number
1	Corrective Measure	Main Steam Snubber 2-3001A-49	Re-located clamp to prevent contact with structure.	No	5/6/2004	N/A
1	Replacement	Main Steam Snubber 2-0203-3A-34	Replaced partially dislodged load pin.	No	5/7/2004	2-04-007
2	Corrective Measure	Torus Penetration Flange	Tightened loose flange bolt.	No	7/13/2005	N/A
2	Corrective Measure	Strut M-3209-25 Embedment Plate	Install missing bolt on embedment plate.	No	Scheduled	TBD
2	Corrective Measure	Snubber 2-1501-15	Tightened loose bolt.	No	10/21/2005	N/A

In Vessel Visual Inspection Report – D2R19

Core Spray System Inspections
Core Spray piping was inspected using a combination of ultrasonic testing and visual inspection in accordance with the recommendations in BWRVIP-18, "BWR Core Spray Internals Inspection and Flaw Evaluation Guidelines." Previously identified Core Spray flaws were sized and compared to the allowable flaw sizes in General Electric Report, GENE-B13-02136-00-01-R2, dated May 2005. Each of the identified flaws will remain below the allowable crack size for at least one more cycle of operation. No new flaws were identified during the D2R19 inspections.

Steam Dryer Inspections
Detailed steam dryer inspections were performed in accordance with the recommendations in BWRVIP-139, "Steam Dryer Inspection and Flaw Evaluation Guidelines." Additional dryer component surfaces were examined to verify that the conditions previously identified at Quad Cities and Dresden were not present on the Dresden unit 2 dryer. During this inspection, flaws were identified in the welds that attached the gussets to the cover plates on the outer hoods. No loose parts were generated as a result of these flaws. The flaws were ground out and weld repairs performed. Additionally, the gussets to cover plate attachments were modified, moving the load to the support ring and reducing stress at the previously cracked locations.

Jet Pump Riser Inspections
Jet Pump riser piping welds RS-1, RS-2 and RS-3 were visually inspected on five of the ten risers in accordance with the requirements of BWRVIP-41, "Jet Pump Assembly Inspection and Flaw Evaluation." No new flaws were identified. Previously identified cracking on Jet Pump 15/16 RS-1 was measured. The D2R19 measurement found no change in length since D2R15.