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U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Dresden Nuclear Power Station, Units 2 and 3  
Facility Operating License Nos. DPR-19 and DPR-25  
NRC Docket Nos. 50-237 and 50-249

Subject: Clarification of Core Shroud Reinspection Plan  
For Dresden Nuclear Power Station Units 2 and 3

- References:
- (1) J. S. Perry (ComEd) to USNRC letter, "Submittal of Core Shroud Reinspection Plan for Dresden Unit 2," dated September 20, 1996
  - (2) J. S. Perry (ComEd) to USNRC letter, "Submittal of Core Shroud Reinspection Plan for Dresden Unit 3," dated October 17, 1997
  - (3) BWRVIP Document BWRVIP-07, "Guidelines for Reinspection of BWR Core Shrouds," dated February 1996
  - (4) BWRVIP Document BWRVIP-63, "BWR Vessel and Internals Project Shroud Vertical Weld Inspection and Evaluation Guidelines," dated June 1999
  - (5) J.R. Strosnider (USNRC) to BWRVIP Chairman, "Safety Evaluation of the 'BWRVIP Vessel and Internals Project, Shroud Vertical Weld Inspection and Evaluation Guidelines (BWRVIP-63),' EPRI Report R-113170," dated April 18, 2000
  - (6) BWRVIP Document BWRVIP-76, "BWR Vessel and Internals Project BWR Core Shroud Inspection and Flaw Evaluation Guidelines," dated November 1999

Comprehensive core shroud repairs were completed at Dresden Nuclear Power Station, Units 2 and 3, in June 1995 and April 1997, respectively, during the D2R14 and D3R14 refuel outages. In References (1) and (2), Commonwealth (ComEd) Company provided

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the core shroud reinspection plans that were implemented along with the repair installations to ensure integrity of the core shrouds over the remaining life of the units.

These reinspection plans were based on the recommendations contained in Boiling Water Reactor Vessel and Internals Program (BWRVIP), Reference (3). Since then, industry guidance has evolved as documented in References (4) and (5). The current BWRVIP guidance on the reinspection of core shrouds is contained in Reference (6).

The purpose of this letter is to modify the current ComEd reinspection plans for Units 2 and 3 core shroud and repair assemblies.

For Unit 2, a baseline inspection of 100 percent of the accessible vertical core shroud welds was performed using ultrasonic testing (UT) or enhanced visual examination (EVT-1) in June 1995, with no recordable indications found. In addition, in October 1999 during D2R16, a subsequent reinspection of the beltline vertical welds (i.e., approximately 65 percent of all vertical core shroud welds) using UT also found no recordable indications.

For Unit 3, a baseline inspection of 100 percent of the accessible vertical core shroud welds was performed using UT or EVT-1, during D3R14, with no recordable indications found.

Based on the extent of our inspections on both units, ComEd is in compliance with the recommendations of References (4) and (5), and the current guidance contained in Section 3.3, "Vertical Welds in Repaired Shrouds," Option A - Sampling of Vertical Welds, of BWRVIP-76, Reference (6).

Future examinations and evaluations of both Units 2 and 3 core shrouds will be performed per the schedules and methods specified in the latest revision of the applicable BWRVIP document in effect six months prior to the scheduled start date for the outage in which the examinations and evaluations will take place.

Should you have any questions concerning this letter, please contact Mr. D. F. Ambler at (815) 942-2920, extension 3800.

Respectfully,



Preston Swafford  
Site Vice President  
Dresden Nuclear Power Station

cc: Regional Administrator – NRC Region III  
NRC Senior Resident Inspector – Dresden Nuclear Power Station  
Office of Nuclear Facility Safety – Illinois Department of Nuclear Safety