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Dresden Generating Station  
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August 31, 1998

JMHLTR: #98-0237

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

Subject: Dresden Nuclear Power Station Unit 2  
Supplement to Reactor Scram Results From Unit Auxiliary Transformer 21  
Modification Design Error Due To Inadequate Supervisory Methods and  
Inadequate Interface with the Testing Organization  
Licensee Event Report 1998-008-01  
NRC Docket Number 50-237

The enclosed Licensee Event Report, which is a final report, describes an automatic reactor scram due to a Main Turbine/Generator trip. This LER is being submitted pursuant to 10 CFR 50.73(a)(2)(iv), which requires the reporting of any event or condition that results in manual or automatic actuation of any Engineered Safety Feature (ESF), including the Reactor Protection System (RPS).

The following actions were taken:

Modification addenda DCP 9600067-02 was issued to correct the auxiliary CT wiring configuration error. (Complete)

The revised modification was installed under work request 960051030-06. (Complete)

In-service testing was performed on the revised modification under Special Procedure SPI 98-04-024. (Complete)

The same relay modification (M12-2-96-004) has been issued for the Reserve Auxiliary Transformer (RAT). The RAT modification has not been installed at this time (scheduled for D2R16). A formal documented review will be performed to verify that the CT connections are correctly wired for the RAT modification. (Complete)

The E/I&C Design Engineering Supervisor has been counseled in accordance with ComEd policy to ensure appropriate judgement is exercised in future assignment of resources for preparation and review of complex and/or infrequently performed tasks. (Complete)

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Assign Nuclear Operational Analysis Department (NOAD) the responsibility to identify their required testing for modifications with testing assigned to NOAD. The test requirements are to be identified in a written test plan and provided as an input to the test requirements in Design Engineering's modification approval letter. (Complete)

Required NOAD testing not included in ECTP's , etc. must be included in work instructions or a "special/test procedure" (SP) will be prepared depending on the complexity of the testing. (Complete)

Review requirements of preparer/reviewer with all design engineers at Dresden. (Complete)

Issue a Nuclear Operations Notification (NON) to other ComEd nuclear stations for applicability of reviewing high-risk modifications to ensure adequacy of testing and design and independent review. (Complete)

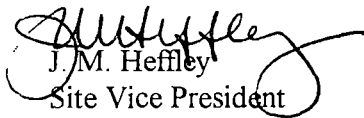
Create and Implement an interface agreement between Design Engineering, NOAD and SPD to assign design responsibility for modifications and changes to protective relays, generators and 4kV and above transformers to SPD. (Complete)

This correspondence contains the following commitment:

Review high-risk modifications that are currently waiting implementation or declared operable in the last six (6) months to ensure adequate design and independent review. Also, review for adequacy of testing.  
(NTS 2371809800803S1)

If you have any questions, please contact Frank Spangenberg, Dresden Regulatory Assurance Manager at (815) 942-2920 extension, 3800.

Sincerely,

  
J. M. Heffley  
Site Vice President  
Dresden Station

Enclosure

cc: Regional Administrator, Region III  
NRC Resident Inspector's Office