



January 21, 2000

JMHLTR: #00-0047

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

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

Subject: Licensee Event Report 1999-006-00, "Recirculation Loop Temperature Thermocouple Failure Cause Shutdown Cooling Inoperability"

The enclosed Licensee Event Report, which is a final report, describes the recirculation loop temperature failure causing shutdown cooling inoperability. This condition is being reported pursuant to 10 CFR 50.73 (a)(2)(v), which requires the reporting of any event or condition that alone could have prevented the fulfillment of the safety function of structures or systems that are needed to Remove Residual Heat.

The following actions were taken:

Thermocouple outputs from both loops were checked and found acceptable. The Millivolt/Current (MV/I) converter, recorder, temperature switch, and digital indicator calibration for both loops was checked and found satisfactory. Cables to the thermocouple B were disconnected and shocked with high voltage to clear possible resistance buildup at connections. Upon reconnecting the thermocouple to the "B" loop MV/I converter, the entire loop functioned as expected.

This correspondence contains the following commitments:

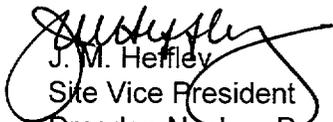
Inspect Unit 2B thermocouple, cables and connections for the Shutdown Cooling System. Replace thermocouple, cables and connections as necessary.

Based on the results of the Unit 2B loop inspection, System Engineering will determine Unit 2A, Unit 3A and B loops inspection requirements and schedule additional inspections as required.

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

Respectfully,


J. M. Hefley
Site Vice President
Dresden Nuclear Power Station

Enclosure

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