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May 18, 1994

U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Document Control Desk

Subject: LaSalle County Station Units 1 and 2 Service Water  
System Problems Affecting Safety-Related Equipment.  
(Supplemental Response to NRC Generic Letter 89-13)  
NRC Docket Numbers 50-373 and 50-374

References: 1) M.H. Richter letter to NRC dated January 29,  
1990; Generic Letter 89-13 Responses.

The purpose of this letter is to provide an update on LaSalle County Station's (LSCS) actions pertaining to NRC Generic Letter 89-13 with regard to Residual Heat Removal (RHR) heat exchanger testing. In the original response to the NRC (Reference 1) it was stated (page D-5) that the Core Standby Cooling System (CSCS) Heat Exchanger Testing Program would be revised with new testing/maintenance requirements which would require monitoring and trending of the heat transfer performance, or monitoring flowrates and differential pressures, along with inspection and maintenance. Following the initial three tests and/or inspections, a final frequency for testing and/or inspections will be chosen for an ongoing monitoring program.

LaSalle County Station now intends to continue to perform the service water flowrate/dP testing at least every 18 months for each RHR heat exchanger, and perform a visual inspection (along with cleaning and maintenance as needed) of the service water side (tube side) of each of the RHR heat exchangers at least every 5 years. The heat transfer testing will no longer be performed on a regular basis for the following reasons:

- A. For Unit 1, the "1A" RHR heat exchanger has had 3 heat transfer tests without any cleaning between tests and all have passed. For Unit 2, the "2E" RHR heat exchanger has had 3 heat transfer tests without cleaning and all have passed. The "1B" and the "2A" RHR heat exchangers have each had 2 heat transfer tests without cleaning between them and have passed.

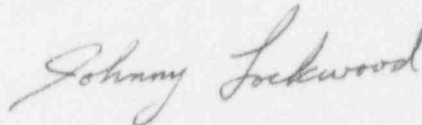
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- B. Periodic visual inspections of "As-found" conditions of the service water side of each RHR heat exchanger during the previous 2 refuel outages for Unit 2 and the previous refuel outage for Unit 1 have shown no significant fouling of the heat exchangers.
- C. The Service Water Chemical Feed system has been seen to reduce fouling system-wide.
- D. It is often difficult to obtain the temperature differences required in order to perform the heat transfer testing. The suppression pool has a maximum temperature limit, while the cooling lake has a limited temperature range. This restricts the available differential temperatures to get good data.

If there are any questions or comments regarding this supplemental response to Generic Letter 89-13, please contact me at (815) 357-6761, extension 2246. The LaSalle Site Vice President has reviewed and concurred with this updated response.

Sincerely,



Johnny Lockwood  
Regulatory Assurance Supervisor  
LaSalle County Station

cc: J.B. Martin, Regional Administrator-RIII  
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Station File