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REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

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SUBJECT: Requests retraction of LER 88-014-00.

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April 6, 1989

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Operating License DPR-58  
Docket No. 50-315

Document Control Manager:

The purpose of this memorandum is to retract LER 50-315/88-014-00. The LER reported a condition in which insufficient shutdown capability might have resulted due to incorrectly routed ESW cables (one cable from the opposite unit ESW system in each unit's control room cable vault). Each of these cables were associated with an ESW pump discharge valve. At the time of submitting the subject LER, it was thought that the valves could spuriously be closed as a result of a fire in either unit's control room cable vault.

As a result of further investigation, however, it has been determined that a spurious operation of each affected ESW system component is not credible. Section 5.3.1 of Generic Letter 86-10, "Implementation of Fire Protection Requirements," responds to the question of what circuit failure modes must be considered in identifying circuits associated by spurious actuation. The response given in the case of ungrounded DC circuits is, "if it can be shown that only two hot shorts of the proper polarity without grounding could cause spurious operation, no further evaluation is necessary except for any cases involving Hi/Lo pressure interfaces."

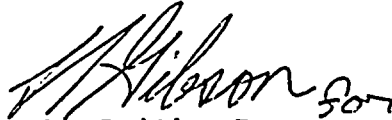
The ESW pumps discharge valves are not Hi/Lo interface components. Further, although the control circuits associated with the subject valves are ungrounded 220 volt AC, two hot shorts of the proper polarity without grounding would be required to cause their spurious operation. This conclusion was drawn as a result of a review of the elementary and wiring drawings associated with the control circuits of the subject ESW pump discharge valves. We believe that since an identical physical configuration is not considered credible by the NRC staff for the ungrounded DC circuit, the same would be true for the ungrounded AC circuit.

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The subject cables have been or will be rerouted in accordance with previous commitments related to 10 CFR 50, Appendix R (ref.: Safe Shutdown Capability Assessment report).

Sincerely

A handwritten signature in cursive script, appearing to read "W.G. Smith, Jr.", with a stylized flourish at the end.

W.G. Smith, Jr.  
Plant Manager

WGS:clw

Attachment

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