

SDP/EA REQUEST & STRATEGY FORM

Case Data
EA- 02-031
Number: 1
Docket No.: 50-266, 50-301
Request Date: 02/21/02
Region: III
Case Type: Reactor
Small Entity: No
Licensee: Nuclear Management Company
Facility / City: Point Beach
License No.: DPR-24, DPR-27
Last Day of Insp.: 12/13/01
Insp. Rpt No.: 2001-17
Keywords: 010143, 010201
ES: mcn
Facts (EATS): Apparent violations of Criterion V & XVI associated with a Red finding for common mode failure of AFW.

Discussion (if required):

SDP
Assessment: Green
NOV: Yes

Wrongdoing
OI Ref Date:
OI Rpt. No.:
OI Rpt Date:
DOJ Referral? No
Additional OI Status: OI Investigating

Escalated Action
Consequence: Actual
Prior Esc. Action? No
ID Credit? No
CA Credit? No
CP? No CP

Discretion or Order? No

Future Action
Conference? Yes
Action? Choice Letter

Participants:
Region: J Caldwell, J Grobe, G Grant, R Caniano, R. Lanksbury, R. Langstaff, S Burgess, M Parker, K Lambert
OE: J Luehman, C. Nolan, M Shannon
Program Office: R. Barrett, M. Johnson, D Coe, S Lee, R. Mathews, M Sally, E Weiss, M. Franovich

Remarks/Comments/Lessons Learned. The design of the AFW system at Point Beach is for the recirculation valves to fail shut on a loss of instrument air (IA) The design basis credits the flow path to the steam generators as a means for providing minimum flow to the pumps During normal operation, the recirculation valves open in a low flow condition and shut as flow through the pumps increases. This is an NSR function that relies on NSR grade IA. The licensee's EOP for AFW instructs operators to throttle flow to the steam generators (SGs) to zero to prevent over feeding the SG or over cooling the RCS This defeats the design basis of the AFW system on a LOIA as the pumps could be subjected to a common mode failure as flow drops below the minimum value This was evaluated as a potential Red finding as the LOIA effected both AFW and the PORVs The staff identified a violation of 10 CFR 50, Appendix B, Criterion V, Procedures, for the failure to instruct operators of the importance of maintaining some minimum flow in a LOIA event. An apparent violation of 10 CFR 50, Appendix B, Criterion XVI, Corrective Action, was also identified for missed opportunities to identify this issue and inadequate corrective action when the procedure was eventually changed

Approved, Dir. OE: /RAIJGL
Date: 02/26/02

Handwritten initials: DJI