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VPNPD-88-442
NRC-88-079

10 CFR 50.73

September 6, 1988

U. S. NUCLEAR REGULATORY COMMISSION
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Washington, D. C. 20555

Gentlemen:

DOCKETS 50-266 AND 50-301
LICENSEE EVENT REPORT 88-003-00
CORRECTIVE ACTION UPDATE
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

In our Licensee Event Report (LER) 88-003-00 of March 28, 1988, we indicated that by May 1, 1988, procedures would be appropriately revised such that the undervoltage relays, their contacts, and the operating coils for the associated slave relays would be tested monthly. Revisions to our procedures have been made to test the undervoltage relays and the operating coils. Procedure revisions to require monthly testing of undervoltage relay contacts will be made by October 1988.

We also stated that we would review the design of the channels (including the contacts for the slave relays) to allow monthly testing to see if modifications were appropriate. After considerable investigation, we have concluded that monthly testing of the contacts of the slave relay will not increase the level of confidence that the slave relay contacts will operate and is not consistent with the design basis of our other safeguards equipment. Annual testing of these contacts will, therefore, be performed.

During the spring refueling outage of Unit 1, the refueling test procedure which tests loss of off-site power to safeguards buses (ORT 3) was modified to require that each of the two undervoltage channels (including the associated slave relay coils) which start the associated diesel generator be independently tested. This test was subsequently performed on Unit 1. Each undervoltage channel functioned as designed. The Unit 2 refueling test procedure (ORT 3) will be modified in a similar fashion prior to the test this fall.

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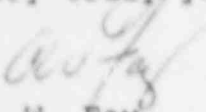
As indicated in the referenced LER, investigations into other safeguards power circuitry is in progress. To date it has been determined that the A05 and A06 4160 V degraded grid voltage and the B03/B04 480 V undervoltage relay channels have some redundant circuits which are not independently verified; however, the 480 V circuits are tested for overall function during ORT 3 testing. Procedure changes and possibly modifications which address the independent testing are being considered. Implementation of the necessary changes is expected by December 31, 1989. This information, as well as the results of additional investigations, will be discussed further in the supplemental LER.

We believe that the level of testing being done on the circuitry described above, with the confirmatory redundant train test each refueling, provides a high degree of assurance of operability of automatic emergency diesel start and load stripping upon bus degraded voltage or undervoltage. This interim testing, we believe, meets the intent of the Point Beach Nuclear Plant Technical Specifications. The increased level of testing after system modifications will add to that degree of assurance.

As noted in the LER, we intend to file a supplementary Licensee Event Report after the final design of the modification is complete. At the time of the original LER, we anticipated the supplement would be submitted about July 1, 1988. We currently estimate the modification requests will proceed to the point that we can file the supplemental LER by January 1989.

We have kept the Resident Inspector informed of the difficulties in monthly testing of the full trains of relays. As mentioned in the LER, the operational history of these trains has been excellent and has shown no tendency for failure. If you have any questions concerning this issue, please do not hesitate to contact us.

Very truly yours,


C. W. Fay
Vice President
Nuclear Power

Copies to NRC Resident Inspector
NRC Regional Administrator, Region III