



ATOMIC POWER COMPANY •

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May 29, 1985
MN-85-100

GDW-85-153

Director of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. James R. Miller, Chief
Operating Reactors Branch No. 3
Division of Licensing

References: (a) License No. DPR-36 (Docket No. 50-309)
(b) MYAPCo Letter to USNRC dated April 17, 1985, (MN-85-74)

Subject: Spent Fuel Racks

Gentlemen:

In Reference (b) we identified a discrepancy between the dimensions of the flux-trap water gap of the new spent fuel racks which were assumed in the safety analysis and the as-built dimensions. As we discussed, we have decided to modify the racks to allow the air space surrounding the boral sheets to flood with water. This modification will ensure that the K_{eff} remains less than 0.95 for all spent fuel and anticipated new fuel configurations.

The modification will be completed on the Phase II racks prior to placing the racks in the pool. The modification will be completed on the Phase I racks following this refueling outage. The Phase I racks have actual flux-trap water gaps which are sufficient to ensure K_{eff} less than .95 when loaded with fresh Cycle 9 fuel in a worst case configuration.

Please call me if you have any questions in this matter.

Very truly yours,

MAINE YANKEE ATOMIC POWER COMPANY

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cc: Dr. Thomas E. Murley
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