



POWER AUTHORITY OF THE STATE OF NEW YORK  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DOCKET NO. 50-333

ATTACHMENT TO LER 79-048/03L-0

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While in a cold shutdown condition, during a review of General Electric Company's Service Information Letter (SIL) No. 299 which is titled "High Drywell Temperature Effect on Reactor Water Level Instrumentation," it was determined that the trip points for the low-low-low water level instruments should be readjusted to a more conservative set point in order to preclude possible instrument errors as a result of certain hypothetical conditions.

The instruments set points were recalculated to account for a postulated change in water density in the reference column of Yarway compensated water level instruments during drywell ambient temperature rise associated with certain postulated events. Each assumption used in the development of the final reference column temperature contains conservatism which results in new calculated set points which contain significant margin to the safety limit. These calculations were reviewed and verified for accuracy by General Electric. The discovery of the possible errors is considered to be a reportable event as defined by Technical Specifications Appendix A, Paragraph 6.9.A.

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