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Director,
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Waterford 3

W3F1-95-0133

A4.05

PR

August 22, 1995

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Request for Additional Information Regarding
Technical Specification Change Request NPF-38-154

Gentlemen:

By letter dated June 22, 1994, Waterford 3 proposed a change to the Technical Specifications (TS) Table 3.3-6 item 2b. The proposed change replaced the generic Control Room Outside Air Intake (CROAI) radiation monitor alarm/trip setpoint of $\leq 2x$ BACKGROUND with a set value of $\leq 4.09 \times 10^{-5}$ uCi/cc (micro curies per cubic centimeter). The purpose of the change is to reduce unplanned actuations of the Engineered Safety Feature (ESF) portion of the Control Room Ventilation System due to tripping of the CROAI monitors as a result of electronic noise. The proposed setpoint is based on Waterford 3 site specific setpoint calculation HP-CALC-93-004, which was provided to the staff by letter W3F1-95-0098, dated June 28, 1995. The calculation established an alarm/trip setpoint based on preventing radioactive material concentrations in the Control Room exceeding the Derived Air Concentration (DAC) occupational values listed in 10CFR20, Appendix B, Table 1, Column 3. During a July 17, 1995 telephone discussion of this matter with the staff technical reviewer, a consensus was reached to incorporate a CROAI monitor alarm/trip setpoint value into the TS that is higher than the electronic noise previously observed, yet lower than the maximum calculated value established in HP-CALC-93-004.

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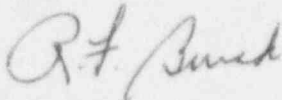
Request for Additional Information Regarding Technical Specification Change
Request NPF-38-154
W3F1-95-0133
Page 2
August 22, 1995

The previously proposed setpoint value of $\leq 4.09 \times 10^{-5}$ uCi/cc is derived from the maximum value (5.45×10^{-5} uCi/cc) established in HP-CALC-93-004 with a 25 percent adjustment factor applied to account for uncertainty and drift. The new proposed value is 5.45×10^{-6} uCi/cc. This value is approximately ten times higher than the current noise levels and is 10 percent of the calculated maximum setpoint value.

This request modifies the subject change by adding additional conservatism to the originally proposed CROAI radiation high alarm/trip setpoint. Therefore, this request has no impact on the determination of no significant hazards provided with the initial proposal.

Should you have any questions or comments concerning this request, please contact Paul Caropino at (504) 739-6692.

Very truly yours,



R.F. Burski
Director
Nuclear Safety

RFB/PLC/ssf

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