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November 2, 2001
LIC-01-0109

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

- References:
1. Docket No. 50-285
 2. Letter from OPPD (W. G. Gates) to NRC (Document Control Desk) dated February 7, 2001, "Application for Amendment of Operating License Which Seeks to Amend the Fort Calhoun Station Unit No. 1 Technical Specifications" (FLC-00-07) (LIC-01-0010)
 3. Letter from NRC (A. B. Wang) to OPPD (S. K. Gambhir) dated September 14, 2001, "Fort Calhoun Station, Unit No. 1 – Request for Additional Information" (TAC No. MB1221) (NRC-01-085)
 4. Letter from OPPD (M. T. Frans) to NRC (Document Control Desk) dated October 17, 2001, "Response to Request For Additional Information" (LIC-01-0092)

SUBJECT: Revision to Request for Additional Information on Alternate Source Term License Amendment

OPPD submitted an alternate source term license amendment request (Reference 2) and subsequently provided a response (Reference 4) to the NRC's Request for Additional Information (Reference 3).

The response in Reference 4 to question 1 of Reference 3 committed to a manual realignment of the Technical Support Center (TSC) ventilation system within 30 minutes of initiation of a release from the containment. This action eliminated the potential for exceeding a 30-day integrated radiation dose greater than 5 rem total effective dose equivalent (TEDE) following a loss of coolant accident to individuals who reside in the TSC prior to the activation of the TSC. OPPD has subsequently decided to further evaluate the alternative of a modification to perform the realignment function. Therefore, OPPD is herein revising our previous response (Reference 4) as contained in the Attachment.

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Please contact me if you have any questions.

Sincerely,

Handwritten signature of Ralph Phelps in cursive, with the date "11-02-01" written to the right of the signature.

Ralph Phelps
Division Manager
Nuclear Engineering

RLP/RLJ/rlj

Attachment

c: E. W. Merschoff, NRC Regional Administrator, Region IV
A. B. Wang, NRC Project Manager
W. C. Walker, NRC Senior Resident Inspector
Winston & Strawn

Revised Response to NRC Question 1 (Reference 3)

- 1. On page 3 of Attachment D to the February 7, 2001 submittal, it was noted that an approach and schedule for resolving Technical Support Center (TSC) dose concerns would be provided by July 31, 2001. Has this information been provided to the staff? If not, when is it scheduled to be provided?*

Response

To assure that the emergency response individuals who reside in the TSC prior to the activation of the TSC do not receive a 30-day integrated dose greater than 5 rem TEDE following a loss of coolant accident, the TSC ventilation system will be aligned to the filtered mode within 30 minutes of the initiation of a release from the containment. The TSC ventilation system in the filtered mode ensures TSC pressurization to 1/8 inch of water column (w.c.) to minimize unfiltered inleakage and includes filtered air intake and recirculation. The alignment of the ventilation system to the filtered mode will be performed either by manual actuation or by installation of a modification. If manual actuation is utilized then the appropriate Emergency Operating Procedures, Abnormal Operating Procedures, and Emergency Plan Implementing Procedures will be revised during the amendment implementation period. If a modification approach is selected and the modification can not be completed prior to the amendment implementation period then the TSC ventilation system will be operated in the filtered mode until the modification is completed.

At the time it was recognized that the July 31, 2001 commitment to supply an approach and schedule was inadvertently missed, the NRR Project Manager was notified that the approach would be included in this response to the RAI.