Bill,

By letter dated February 10, 2012 as supplemented by letter dated October 1, 2012 (ADAMS Accession Nos. ML12046A838 and ML12276A043, respectively), Omaha Public Power District (OPPD), the licensee for Fort Calhoun Station (FCS) submitted a license amendment request to revise the technical specifications for FCS. The proposed amendment would establish the limiting condition for operation) requirements for the reactor protective system actuation circuits in Technical Specification 2.15, "Instrumentation and Control Systems."

The NRC staff has reviewed your submittals and has determined that the information specified in the attached Request for Additional Information (RAI) is needed for the staff to complete its evaluation.

Please contact me if a clarifying teleconference is needed for the attached RAIs.

Thanks
Lynnea

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By letter dated February 10, 2012 s supplemented by letter dated October 1, 2012 (ADAMS Accession Nos. ML12046A838 and ML12276A043, respectively), Fort Calhoun Station (FCS) is submitting a request for an amendment to the Renewed Facility Operating License No. FCS, Unit No. 1. The proposed amendment would establish the limiting condition for operation requirements for the reactor protective system actuation circuits in Technical Specification 2.15.

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the information provided by the licensee and has determined that the following information is needed in order to complete its review.

1. Follow up question for NRC RAIs #2 and #3

   Section 3.0 of letter dated February 10, 2012, describes the applicability for the proposed TS modification. This description explains the applicability when the RPS initiation logic and the actuation logic are required to be operable considering operation of the control element assemblies (CEA) and the boron concentration. In the responses to items 2 and 3, FCS described the applicability of the proposed TS modification by correlating it to the STS and describing additional steps taken to cover the full range of operating modes. Please clarify these responses with additional information for the following items:

   a) Please clarify the relationship between Tcold and RCS temperature described in the applicability of the proposed TS modification.

   b) Please describe what constitutes a channel, initiation logic, three trip unit trip relays, and actuation logic.

2. Follow up question for RAI #4

   By letter dated October 1, 2012, the licensee explained operation of the manual trip channel and the basis to remove it from Table 2-2 and place it in the new TS modification. Please clarify operability requirements for the manual trip and how it relates to minimum operable channels described in the current TS. In addition, please describe the operation of the actuation logic in case of a failed manual trip push button.

3. Follow up question for RAI #6

   By letter dated October 1, 2012, the licensee explained that even though the LAR dates February 10, 2012, stated that changes were not made to for the proposed TS modification; Fort Calhoun modified the text in the TS to clarify its intent. Please confirm that the modification of the text does not modify the functional intent of this TS requirement. In particular please explain that the current TS does not explain what needs to be operable and the actions to be taken.