

From: Bhalchandra Vaidya
Sent: Monday, May 04, 2009 9:11 AM
To: 'dlfilchner@pplweb.com'; 'ckhoffman@pplweb.com'; 'Coddington, Cornelius T'
Cc: Subinoy Mazumdar; Kulin Desai; Aron Lewin; John Boska
Subject: TAC NOS. ME0933 AND ME0934, DRAFT RAIs RE: CHANGES RELATED TO ECCS TSs 3.3.5.1-1 AND 3.10.8.F

The NRC staff of the Instrumentation and Controls Branch (EICB) has reviewed the instrumentation and controls aspects of the licensee's LAR (your application dated March 24, 2009, as supplemented by letter dated April 24, 2009), and concluded that it needs additional information to complete the review, as described below:

1. The licensee is not adding any footnotes for the proposed condensate storage tank low-level allowable value changes in the technical specifications (TS) because the Magnetrol float switches used are of the mechanical type. The Magnetrol float switch catalog the licensee gave to the U.S. Nuclear Regulatory Commission does not indicate any provision for adjusting the setpoint. However, clause 6.1.8 of licensee plant procedure SI-152-308, page 6, describes adjusting the setpoint if the as-found trip setpoint is greater than or equal to the allowable value. Furthermore, in calculation EC-037-1001, page 14, the licensee specified ± 1 inch as the calibration accuracy for these switches.

Please provide the details regarding how the setpoint adjustments are performed in the field.

2. Page 11 of setpoint calculation EC-037-1001 states, "There is no Analytical Value for this setpoint." The applicant also stated on page 4 of this calculation that to avoid vortex formation in the high-pressure coolant injection suction piping, the high pressure coolant injection suction transfer from the condensate storage tank to the suppression pool should take place with the condensate storage tank water level above 36 inches. The staff believes that this setpoint calculation should comply with this analytical limit to avoid vortex formation.

Please provide the justification for the lack of an analytical limit for this setpoint calculation.

3. Plant procedure SI-152-308, page 6, clause 6.1.6, refers to the Required Action section in the Data Form if the trip setting is not greater than or equal to the allowable value.

Please provide the details regarding the required actions, specifically when the as-found values are (a) beyond the acceptable as-found tolerance, or (b) beyond allowable value, or (c) cannot be set within the acceptable as-left values.

4. On page 8 of calculation EC-037-1001, TS Allowable Value & TRM Trip Setpoint (New) has been specified as 36 inches for LSL-E51-1N035A, LSL-E51-1N035, LSL-E51-2N035A, and LSL-E51-2N035E instruments.

Please explain how you derived the allowable value of 36 inches and justify why it is not specified in the TS.

5. The analysis of No Significant Hazards Consideration Determination in your application dated March 24, 2009, as supplemented by letter dated April 24, 2009, does not address the analysis of the proposed changes in TS 3.10.8.f.

Please provide the revised analysis of NSHCD that addresses the analysis of the proposed changes in TS 3.10.8.f.

Please let me know, if you need a teleconference to get clarification of these RAIs.

Also, let know, when the responses to these RAIs would be submitted via supplemental submission.

Please contact me, if you have any questions.

Thanks,

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