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Subject: RTDP Information

The attached Word file provides responses to questions regarding previous NRC reviews of setpoint WCAPs and Mini RTDP. It also provides the locations of logic diagrams in the UFSARs for both units.

(See attached file: RTDP RAI.doc)

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List of RPS/ESFAS logic diagrams in the UFSAR
Unit 1 - Figure 7.2-1 Sheet 1,2,3,4,5,6,7,8,9, and 15
Unit 2 - Figures 7.3-6, 7.3-7, 7.3-8, 7.3-9, 7.3-10, 7.3-11, 7.3-12, 7.3-13, 7.3-14, 7.3-18, 7.3-19,
and 7.3-20.

Setpoint WCAPS

The current BVPS Unit 1 RPS/ESFAS setpoints are based on WCAP 11419 as stated in amendment number 155 (TAC NO. 71869) dated August 17, 1990. The SER states that the revision of the RPS and ESFAS trip setpoints and allowable values are based on the re-analysis of the instrument inaccuracies. This re-analysis was performed to update the BVPS unit 1 setpoint methodology to the same methodology used in determining Unit 2 protection setpoints. The methodology used is detailed in WCAP 11419 for Unit 1.

The current BVPS Unit 2 RPS/ESFAS setpoints are based on WCAP 11366. This is based on discussions with Westinghouse and on a BVPS letter to the NRC (2 NRC-7-108) dated May 7 1987. This letter was in response to questions on the BVPS Unit 2 technical specifications. This letter provided a justification for the use of a pressurizer pressure-high reactor trip setpoint of 2375 psig as indicated in the BVPS setpoint WCAP 11366.

Mini RTDP

BVPS Unit 1 is licensed to WCAP-12178 (MINI RTDP) dated March 1989 based on the SER for amendment 144 (TAC No. 73123) dated September 28, 1989 and the BVPS submittal dated May 9, 1989.

BVPS Unit 2 is licensed to WCAP-12178 (MINI RTDP) based on the SER for amendment 57 (TAC No. M84411) dated September 23, 1993 and the BVPS submittal dated October 15, 1991.