From: Lawrence Burkhart
To: Brian Sepelak
Date: 6/12/01 7:19AM
Subject: RAI#6 QUESTIONS

Brian,

These are comments/questions regarding the RAI#6 response. SRXB is the reviewing branch (reactor systems). Please review and let me know when we can discuss.

1) The BV response to request number 2a states, "Major assumptions made for the re-analyses are identical to those made in the existing analyses with the exception of assumptions covered by the Revised Thermal Design Procedure (RTDP) methodology."

SRXB Concern:
The power uprate causes certain changes in primary and secondary side parameters during full power operation. Because of these parameter changes, the initial plant conditions assumed for the accident analyses should not be "identical" to the previous analyses (e.g. primary and secondary pressure, temperature, water level, etc.). Please provide the initial plant conditions used for the accident analyses and discuss how they affect the results of each event analyzed.

2) Table A-1 of the BV response shows the minimum DNBR for the Complete Loss of Flow event to be below the DNBR limits for both plants. A footnote states that DNB Margin has been allocated for these cases.

SRXB Question:
A Complete Loss of Flow is classified as an incident with moderate frequency, which is not allowed to have fuel failure. Please explain why it is acceptable for the DNBR in this event to be below the minimum DNBR established for BV (1.36). Also, please explain what is meant by the footnote, "DNB Margin has been allocated for these cases," and explain how this relates to the adequacy of the analyses' DNBR ratio.

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