

**From:** Lawrence Rossbach  
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**Date:** 10/3/01 6:02PM  
**Subject:** ATWS & SLC questions

Our review of the Dresden and Quad Cities extended power uprate (EPU) amendment requests has identified the need for additional information in the reactor systems area. These questions are attached. We did not identify any proprietary information in these questions. Please identify any information in these questions that you consider proprietary, otherwise they may be released to the public within one week. Please let me know if you would like a call to discuss them.

**CC:** Anthony Mendiola; Edward Kendrick; Stewart Bailey

*Docket Nos. 50-237, 50-249, 50-254, 50-265*

DRESDEN AND QUAD CITIES EXTENDED POWER UPRATE

REQUEST FOR ADDITIONAL INFORMATION

*ATWS & Standby Liquid Control System (SLCS)*

The following questions apply to both Dresden and Quad Cities:

- 1) What ATWS events were analyzed at EPU equilibrium versus EPU transition cycle conditions
- 2) Confirm that for all limiting ATWS events, the SLCS will be able to inject at the appropriate time without lifting the SLCS bypass relief valves, or if the valves lift are they capable of reseating. For example, will the SLCS be able to inject the required flow rate at the assumed time for the ATWS LOOP event without reaching the rated SLCS relief valve setpoint?
- 3) What are the limiting events for each of the five acceptance criteria in Section 9.4.1 of the PUSAR?
- 4) Confirm that the operator response to an ATWS event is not being modified from that described in Section L.3.2 of ELTR1. If the operator requests SLCS actuation before the time assumed in the analyses, will the relief valve be able to lift and reseal when the SLCS injection is required?