RIVER BEND STATION
50-458

FAXED 7/18/02

HUMAN PERFORMANCE QUESTIONS
RIVER BEND STATION 1.7% POWER UPRATE

1. Describe how the proposed power uprate will change the plant emergency and abnormal operating procedures, if known at this time. Discuss if your operating procedure change control process requires the identification and update of the affected operating procedures associated with a modification. Discuss if the procedures that impact plant operation have been identified and if they will be revised prior to operation above the current licensed thermal power level.

2. Describe any changes the proposed power uprate will have on the operator interfaces for control room controls, displays, and alarms. For example, what zone markings (e.g., normal, marginal, and out-of-tolerance ranges) on meters will change? What setpoints will change? How will the operators know of the change? Describe any controls, displays, and alarms that will be upgraded from analog to digital instruments as a result of the proposed power uprate and how operators were tested to determine they could use the instruments reliably.

3. Describe any changes the proposed power uprate will have on the Safety Parameter Display System. How will the operators know of the changes?

4.a. With regard to operator training, the licensee stated that no additional training (apart from normal training) is required to operate the plant in the uprated condition. For the uprated condition, operator response to transient, accident, and special events are not affected. Operator actions for maintaining safe shutdown, core cooling, containment cooling, etc., do not change for the power uprate. Minor changes to the power/flow map, Technical Specifications, and the like, will be communicated through normal operator training.

Please indicate the implementation schedule for the training/changes discussed above (i.e., prior to operation above the current licensed thermal power level).

4.b. With regard to the control room simulator, the licensee stated that simulator changes and validation for the power uprate will be performed in accordance with ANSI/ANS 3.5-1985.

Please describe the simulator changes (hardware and software) to the extent that they are known at this time, and provide the implementation schedule for making the changes (i.e., prior to operation above the current licensed thermal power level).