

**From:** Richard Laufer *NLF*  
**To:** GWIA:kevin.shaw@[cplc.com] *K. Shaw, C.P+L*  
**Date:** Wed, Jan 24, 2001 9:26 AM  
**Subject:** POWER UPRATE HUMAN FACTORS QUESTIONS

Kevin -

Attached are the RAI questions from the Human Factors reviewer. Let me know if you need clarification on any of the questions. I also need an estimated response date from you to include in the RAI coverletter.

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### 1. Changes in Emergency and Abnormal Operating Procedures

Describe how the proposed power uprate will change the plant emergency and abnormal procedures.

### 2. Changes to Risk-Important Operator Actions Sensitive to Power Uprate

Describe any new risk-important operator actions required as a result of the proposed power uprate. Describe changes to any current risk-important operator actions that will occur as a result of the power uprate. Explain any changes in plant risk that result from changes in risk-important operator actions.

(e.g., Identify operator actions that will require additional response time or will have reduced time available. Identify any operator actions that are being automated as a result of the power uprate. Provide justification for the acceptability of these changes).

### 3. Changes to Control Room Controls, Displays and Alarms

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 set points will change? How will the operators know of the change? Describe any controls, displays, 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.

### 4. Changes on the Safety Parameter Display System

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

### 5. Changes to the Operator Training Program and the Control Room Simulator

Describe any changes the proposed power uprate will have on the operator training program and the plant reference control room simulator, and provide the implementation schedule for making the changes.