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SUBJECT: Advises NRC of current status of util IPE action items for
plant improvements. Util revising Level I PRA analysis.
Summary of plant action items & current status listed.

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United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
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H. B. Robinson Steam Electric Plant, Unit No. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
STATUS OF INDIVIDUAL PLANT EXAMINATION ACTION ITEMS

Gentlemen:

The purpose of this letter is to inform the NRC of the current status of Carolina Power & Light Company's (CP&L) Individual Plant Examination (IPE) Action Items for plant improvements at the H. B. Robinson Steam Electric Plant, Unit No. 2 (HBR2). These plant improvements are being performed/evaluated in order to reduce core damage frequency. In addition, CP&L is revising the Level I Probability Risk Analysis (PRA) analysis. The following is a summary of the plant action items and their current status:

- Item 1 A new procedure for coping with flooding events. Abnormal operating procedures AOP-08, AOP-14, and AOP-22 have been revised and a new procedure AOP-32 has been written. These procedures assist the operator in identifying sources of flooding and potential isolation measures. In addition, these procedures have steps that limit the accumulation of water (thereby limiting the potential for equipment damage).
- Item 2 Operation of the steam-driven auxiliary feedwater pump in the self-cooling mode. There is a need for additional investigation into the effects of permanent realignment to the self-cooling mode. Once the investigation is complete, then design verification documents must be developed and existing plant procedures changed. This investigation should be complete by the end of 1993.
- Item 3 Modification of the plant safety-related batteries. The proposed battery modification is currently being reevaluated due to forecasted project cost escalation. An alternate design is being evaluated and validated. This validation is scheduled to be completed by the end of 1993.
- Item 4 Development of a more extensive preventative maintenance program for the dedicated shutdown diesel. The preventative maintenance program for the dedicated shutdown diesel has been revised to be similar to the preventative maintenance procedures used for the emergency diesels. This new program has been in place since October of 1992.
- Item 5 Revision of SI and CV Spray System Valve Test procedure (OST-157). Procedure OST-157 has been deleted. Procedure OST-703 has been written which incorporates the IPE issue of valve mispositioning. This procedure is approved for use at HBR2.
- Item 6 Test of the HVAC requirements for the E1/E2 bus room. The evaluation of the HVAC test results is complete. The evaluation resulted in an action item to replace PC boards in Inverters A and B during Refueling Outage 15.

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- Item 7 Induced steam generator tube rupture Since this item involves a change in Emergency Response Guidelines (ERG) for mitigation of a severe accident, this item is being reviewed by the Westinghouse Owner's Group for possible action in the Severe Accident Management Guidance development. This review is scheduled to be completed by the end of 1993.
- Item 8 Walkthrough of the long-term Emergency Core Cooling System (ECCS) recirculation procedure This walkthrough and evaluation is planned to determine if the human reliability analysis appropriately credits all features of the process and to identify possible enhancements. In order to coordinate this effort properly with validation of ongoing procedure changes, the walkthrough and evaluation of the long-term ECCS recirculation procedure is scheduled for completion by August 31, 1993.
- Item 9 Charging Pumps Self-Cooling Modification. The IPBS evaluation to determine the most cost-effective method of providing self-cooling is currently for completion by the end of 1993.
- Item 10 Automatic Refill of the Condensate Storage Tank Project. The IPBS evaluation of this project determined that the resulting 3% reduction in the Core Damage Frequency (CDF) does not justify the cost, and the project has therefore been canceled.

Please refer and questions regarding this submittal to Mr. J. S. Kozyra at (919) 546-7924.

Yours very truly,



D. B. Waters
Manager
Regulatory Affairs

RES/jbw

cc: Mr. S. D. Ebnetter
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