



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

September 2, 1992

Docket Nos. 50-261, 50-400  
and 50-325, 50-324

LICENSEE: CAROLINA POWER & LIGHT COMPANY

FACILITY: BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2  
SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1  
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

SUBJECT: SUMMARY OF MEETING HELD ON JULY 29, 1992, REGARDING INTEGRATED  
SCHEDULING PROGRAM

A meeting was held at the request of Carolina Power & Light Company (CP&L) at One White Flint North, Rockville, Maryland, on July 29, 1992. The purpose of the meeting was for CP&L to brief the NRC on their progress in establishing a corporate Integrated Schedule Program (ISP). A list of attendees and a copy of the CP&L handout are attached (Enclosures 1 and 2).

This meeting is the first followup meeting after the June 10, 1992, meeting that initiated the discussion with CP&L on their ISP (see meeting summary issued on July 2, 1992). When established, CP&L would use the ISP to inform the NRC staff of their scheduling of major activities that are outside of the scope of routine plant operations. The scope of the ISP includes only projects that are required to meet NRC rules and those long-term improvement projects exceeding a budget of \$250,000. If CP&L wishes to change the implementing schedule of a project which they have committed to the NRC, a request to the NRC would be made through normal channels, and the ISP serves as a tracking system for schedular changes.

With regard to the scheduling of projects, the ISP includes a prioritization process. This process would distinguish those projects necessary to meet NRC requirements such as the response to a rule, order or license condition. The implementation dates of those NRC requirements will not be affected by the ISP process. Other projects (e.g., commitments to NRC generic communications or CP&L's own improvement initiatives) that fall within the scope of the ISP will be ranked by a schedule index scheme. The schedule index is established by using a scaling factor determined from PRA results.

During the next ISP meeting scheduled for September 2, 1992, CP&L will further discuss the prioritization process and the use of PRA with the staff, including the NRC Risk Assessment Branch staff. In addition, CP&L will discuss the following:

- 1) A definition for those short-term projects that will not be within the scope of the ISP.

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September 2, 1992

- 2) A description of the "small contingency funds" that will be available for projects budgeted less than \$250,000
- 3) How the long-term implementation cost of a project will be considered

Also for the next ISP meeting, CP&L has requested that the NRC staff provide an update on the status of Commission's Policy Statement on the ISP.

Original signed by:  
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cc: See next page

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*Enclosure*

**INTEGRATED SCHEDULE PROGRAM  
(ISP)  
FOR  
NUCLEAR GENERATION**

**July 29, 1992**

ENCLOSURE 2

## **INTEGRATED SCHEDULE PROGRAM (ISP)**

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### **PURPOSE OF TODAY'S MEETING**

- **SECOND IN A SERIES OF WORKING-LEVEL MEETINGS BETWEEN CP&L AND NRC TO FAMILIARIZE NRC WITH THE ISP EFFORTS**
- **THESE COMMUNICATION SESSIONS WILL HELP ENSURE THE ISP SUBMITTAL AND SUBSEQUENT FEEDBACK CONTAIN NO SURPRISES FOR EITHER THE NRC OR CP&L**
- **THIS IS A HIGH-LEVEL BRIEFING; WOULD BE GLAD TO PROVIDE DETAILED BRIEFINGS AT FUTURE DATES**
- **NEED CANDID FEEDBACK**

## **INTEGRATED SCHEDULE PROGRAM (ISP)**

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### **OBJECTIVES OF THE NUCLEAR GENERATION ISP**

- **Provide a basis for focusing CP&L Senior Management attention on the highest priorities of the nuclear power system by use of a process that is consistently applied to all three sites**
- **Assure that funding is provided to initiatives necessary to achieve and to operate at a level consistent with CP&L's standards**
- **Create a baseline from which to assess improvements and to measure the progress of implementing planned accomplishments**
- **Provide a basis for communicating with the NRC as to the nature and priority of planned initiatives**
- **Make visible CP&L's commitment to accomplishing work necessary to achieve high levels of safety and reliability at all three of CP&L's nuclear plants**



## **INTEGRATED SCHEDULE PROGRAM (ISP)**

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### **APPROACH/SCOPE**

- **Nuclear Generation ISP composed of 4 parts**
  - **Brunswick (initial submittal to NRC October 1992)**
  - **Robinson (submittal to NRC April 1993)**
  - **Harris (submittal to NRC October 1993)**
  - **Corporate (submittal to NRC October 1993)**
- **Contains all Level I projects**
- **Contains Level II and III projects > \$250,000**
  - **People**
  - **Process**
  - **Hardware**
- **Does not contain short-term items**
- **Living document (with a regular report submitted to NRC every six months)**
- **Relationship with other processes**
  - **Drives the Business Planning process**
  - **Reflects large long-term commitments of the Improvement plan**

## **INTEGRATED SCHEDULE PROGRAM (ISP)**

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### **SEQUENCE OF WORK FOR BRUNSWICK ISP**

- **Plan to define projects for initial October 1992 submittal in the following order:**
  - **Level I**
  - **Level II**
  - **Projects with start dates 1993 or before**
  - **High existing Schedule Index**
  - **High cost**
  - **Other**

## **INTEGRATED SCHEDULE PROGRAM (ISP)**

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### **DELIVERABLES**

- **A schedule of projects (includes start and stop dates) categorized by Levels I, II, and III**
- **A short description of each project in standardized format**
- **A Schedule Index for each project (a measure of importance)**
- **Changes since the last update**

## INTEGRATED SCHEDULE PROGRAM (ISP)

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### PRIORITIZATION PROCESS

- **Three (3) components**
  - **Priority number (1 - 9)**
  - **Schedule Index (0 - 100)**
  - **Economic Evaluation (EESY)**
  
- **Priority number**
  - **Priority 1 - 3 implies fix it now (as dictated by Tech Specs)**
  - **Priority 1 - 3 automatically given a Schedule Index of 100**
  - **Priority 1 - 3 projects do not show up on ISP**
  - **ISP only contains items that need attention for the long range**
  - **ISP projects ranked by Schedule Index**

## INTEGRATED SCHEDULE PROGRAM (ISP)

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### PRIORITIZATION PROCESS (Continued)

- **Schedule Index provides a ranking of major projects by key attributes**

-	<b>Nuclear Safety</b>	<b>(32)</b>
-	<b>Industrial Safety</b>	<b>(29)</b>
-	<b>Unit Availability</b>	<b>(12)</b>
-	<b>Unit Capacity</b>	<b>(10)</b>
-	<b>ALARA</b>	<b>(9)</b>
-	<b>Plant Enhancement</b>	<b>(8)</b>
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		<b>100</b>

## INTEGRATED SCHEDULE PROGRAM (ISP)

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### USE OF PRA IN PRIORITIZATION EFFORTS

- Nuclear Safety factor in Schedule Index given a scaling factor between (-1.0 and +1.0).
- The scaling factor is determined using criteria developed from the actual results of the PRA.

## **INTEGRATED SCHEDULE PROGRAM (ISP)**

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### **KEY ACCOMPLISHMENTS**

- **Team in place; trained and functioning**
- **Draft ISP package created**
- **Self-assessment of process and ISP package conducted**

### **KEY CHALLENGES**

- **Given the current workload demands; obtaining quality time from line management to make the October submittal is a challenge**