

Carolina Power & Light Company

Nuclear Services Department
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United States Nuclear Regulatory Commission
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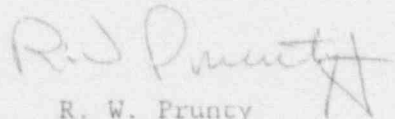
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
EMERGENCY RESPONSE DATA SYSTEM - SURVEY RESPONSE

Gentlemen:

The purpose of this letter is to provide Carolina Power & Light Company's communication description and survey questionnaire information regarding the Emergency Response Data System for the H. B. Robinson Steam Electric Plant, Unit No. 2 (HBR2). This information is provided in accordance with the provision of NUREG-1394, Revision 1, Section 3.3, and is enclosed.

Should you have any questions regarding this subject, please contact Mr. Fred Emerson at (919) 546-7573.

Yours very truly,



R. W. Prunty
Manager - RNP/HNP Nuclear Licensing
Nuclear Licensing Section

DBB/mbc

Enclosure

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H. B. Robinson Steam Electric Plant, Unit No. 2 (HBR2)
ERDS Communications Questionnaire

NUREG-1394, Revision 1, Appendix B

I. Contacts - ERDS Communications Description and Survey Questionnaire

A. Survey Coordinator

Gene Graham, Manager - Computer Maintenance
(803) 383-1320

B. Computer Hardware Specialist

Matt Gibson, Specialist - Computer Maintenance
(803) 383-1145

C. System Software Specialist

Bob Coonfield, Software Engineer
(803) 383-1478

D. Application-Level Software Specialist

Bob Coonfield, Software Engineer
(803) 383-1478

E. Telephone Systems Specialist

Ned Little, Specialist - Telecommunications
(803) 383-1321

Mailing Address

Robinson Nuclear Project Department
P. O. Box 790
Hartsville, SC 29550

II. ERDS Communications Description

HBR2 takes no exceptions to the ERDS communications description provided in this item of the questionnaire.

III. Selection of Data Feeder

A. How many data feeders?

One (1).

B. Identify the data feeder and provide 1) a short description of the categories of data points it will provide and 2) the rationale for selecting it.

The data feeder will be the HBR2 Emergency Response Facility Information System (ERFIS). This system will supply the data points as described in NUREG-1394, Appendix E. This system was selected as the feeder since it has all of the requested data points.

C. Which data feeder is the site time determining feeder?

HBR2 has only one feeder, so the time determining feeder will be ERFIS also.

IV. Data Feeder Information

General Questions

1. Identification of the Data Feeder

a. What is the local parlance?

ERFIS - Emergency Response Facility Information System.

b. Is this the site time determining feeder?

Yes.

c. How often will this feeder transmit an update set to ERDS (in seconds)?

The HBR2 ERDS will transmit a data set at a time interval of 60 seconds.

2. Hardware/Software Environment

a. Identify the manufacturer and model number of the data feeder.

ENCORE Computer Corporation - Concept 32/6780.

b. Identify the operating system.

MPX-32, Revision 3.2B.

c. What method of timekeeping is implemented?

Standard and daylight savings.

d. In what time zone is the feeder located?

Eastern time zone.

3. Data Communication Details

a. Can this data feeder provide asynchronous serial data communications (RS-232-C) with full modem control?

Yes.

b. Will this feeder transmit at ASCII or EBCDIC?

ASCII.

c. Can this feeder transmit at a serial baud rate of 2400 bps?

Yes.

d. Does the operating system support XON/XOFF flow control?

No.

(1) Are any problems foreseen with the NRC using XON/XOFF to control the transmission of data?

No.

e. If it is not feasible to reconfigure a serial port for ERDS linkup, please explain why.

Serial ports for ERDS can be reconfigured.

f. Do any ports currently exist for the ERDS linkup?

Yes.

(1) If not, is it possible to add?

Not applicable; port is available.

(2) If yes, will the port be used solely by ERDS?

Yes, the port will be dedicated to ERDS.

4. Data Feeder Physical Environment and Management

- a. Where is the data feeder located in terms of the TSC, EOF, and control room?

The ERFIS system is located in the Technical Support Center (TSC) ERFIS Computer Room.

- b. Is the data feeder protected from a loss of supply of electricity?

Yes, the ERFIS system is supplied from off-site power through a dedicated Uninterruptible Power Supply with a 30-minute battery bank. The system can also be powered from the Security Computer System emergency diesel generator as a back-up source of power.

- c. Is there a human operator for this data feeder?

The ERFIS system is maintained by the HBR2 Computer Support Unit.

- (1) If so, how many hours a day is the feeder attended?

Personnel are on-site eight hours a day, five days a week (normal work hours), and are available on an as-needed basis to attend the data feeder. ERFIS attention during off-normal hours is handled on a call-out basis.