

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8606240359 DOC. DATE: 86/06/18 NOTARIZED: NO DOCKET #
 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
 AUTH. NAME AUTHOR AFFILIATION
 ZIMMERMAN, S. R. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Forwards addl info re electrical equipment, Plant Program
 Procedure PLP-610 & analysis of battery location in response
 to Electrical, Instrumentation & Control Sys Branch
 860128-30, audit.

DISTRIBUTION CODE: B001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5 + 25
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES: Application for permit renewal filed.

05000400

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	ID CODE/NAME		LTTR	ENCL		ID CODE/NAME		LTTR	ENCL
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	PWR-A FOB		1	1		PWR-A PD2 LA		1	1
	PWR-A PD2 PD		1	1		BUCKLEY, B 01		2	2
	PWR-A PSB		1	1		PWR-A RSB		1	1
INTERNAL:	ADM/LFMB		1	0		ELD/HDS1		1	0
	IE FILE		1	1		IE/DEPER/EPB 36		1	1
	IE/DQAVT/QAB 21		1	1		NRR BWR ADTS		1	0
	NRR PWR-B ADTS		1	0		NRR ROE, M, L		1	1
	NRR/DHFT/MTB		1	1		<u>REG FILE</u> 04		1	1
	RGNZ		3	3		RM/DDAMI/MIB		1	0
EXTERNAL:	BNL (AMDTs ONLY)		1	1		DMB/DSS (AMDTs)		1	1
	LPDR 03		1	1		NRC PDR 02		1	1
	NSIC 05		1	1		PNL GRUEL, R		1	1

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MEMORANDUM FOR THE DIRECTOR, FBI
SUBJECT: [Illegible]

Reference is made to the report of [Illegible] dated [Illegible] at [Illegible].

It is noted that [Illegible] advised that [Illegible] had been [Illegible] by [Illegible].

0-00000

Very truly yours,
[Illegible]

DATE	TIME	LOCATION	ACTIVITY	REMARKS
10/15/50	10:00	Room 5600	Admission	[Illegible]
10/15/50	10:15	Room 5600	Admission	[Illegible]
10/15/50	10:30	Room 5600	Admission	[Illegible]
10/15/50	10:45	Room 5600	Admission	[Illegible]
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10/15/50	11:15	Room 5600	Admission	[Illegible]
10/15/50	11:30	Room 5600	Admission	[Illegible]
10/15/50	11:45	Room 5600	Admission	[Illegible]
10/15/50	12:00	Room 5600	Admission	[Illegible]
10/15/50	12:15	Room 5600	Admission	[Illegible]
10/15/50	12:30	Room 5600	Admission	[Illegible]
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Carolina Power & Light Company

JUN 18 1988

SERIAL: NLS-86-228

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NO. 1 - DOCKET NO. 50-400
RESPONSE TO ELECTRICAL SYSTEMS AUDIT FINDINGS

Dear Mr. Denton:

Carolina Power & Light Company hereby submits additional information concerning electrical equipment at the Shearon Harris Nuclear Power Plant. This information is submitted in response to the Electrical and Instrumentation and Control System Branch Audit conducted on January 28-30, 1986. The attached information responds specifically to the NRC audit comments transmitted by letter dated May 15, 1986.

If you have any questions on this subject or require additional information, please contact me.

Yours very truly,

S. R. Zimmerman
Manager
Nuclear Licensing Section

SRZ/JHE/ccj (3980JDK)

Attachment

cc: Mr. B. C. Buckley (NRC)
Mr. O. Chopra (NRC)
Mr. G. F. Maxwell (NRC-SHNPP)
Dr. J. Nelson Grace (NRC-RII)
Wake County Public Library

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NRC COMMENT

The implementation of identification and color coding schemes for safety-related circuits and equipment was observed. We found that one of the RHR pumps (for the selected systems observed) was not identified. The applicant has committed to properly identify the above RHR pump and we find this to be acceptable. However, we require the applicant to check other equipment to assure this condition does not exist elsewhere in the plant.

RESPONSE

Subsequent to the EICSB Audit, the RHR pump has been labeled. This equipment was tagged as part of the overall equipment labeling program being conducted in accordance with the Plant Program Procedure PLP-610, "Equipment Identification and Numbering System" (Enclosure 1). This program will ensure that plant equipment will be properly labelled. The Plant Equipment Deficiency Program identified in Administrative Procedure, AP-038, will be used to identify missing equipment labels which had been previously installed.

NRC COMMENT

During our audit of the battery rooms, we found that the showers in the battery rooms are not enclosed and are very close to the batteries, thereby creating the potential of shower spill causing damage to the batteries. We require the applicant to either enclose the showers in battery rooms or provide justification for the existing design.

RESPONSE

The identified concern has been reviewed and the existing installation has been found acceptable. This engineering review is documented in the enclosed Project Analysis E-5504, "Location of Battery Rooms SA and SB Eyewash Station and Shower" (Enclosure 2).

NRC COMMENT

During our audit of the control room alarms provided for DC power systems, we found there was only one battery trouble alarm provided for both redundant trains (125V DC Emergency Bus A/B trouble). We require that a separate DC bus trouble alarm for each train be provided to facilitate quick trouble diagnosis of DC power systems.

RESPONSE

A second annunciator window will be added in the Main Control Room and the Auxiliary Control Room to differentiate between 125V DC Emergency Bus A and Bus B trouble. The design modification required has been issued per the enclosed FCR-I-3378 (Enclosure 3).

ENCLOSURE 1