

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 7907190576 DOC. DATE: 79/07/16 NOTARIZED: NO
 FACIL: 50-261 H. B. Robinson Plant, Unit 2, Carolina Power and Light
 50-324 Brunswick Steam Electric Plant, Unit 2, Carolina Power
 50-325 Brunswick Steam Electric Plant, Unit 1, Carolina Power
 AUTH. NAME: UTLEY, E. E. AUTHOR AFFILIATION: Carolina Power & Light Co.
 RECIP. NAME: MOSELEY, N. C. RECIPIENT AFFILIATION: Division of Reactor Operations Inspections

DOCKET #
05000261
 05000324
 05000325

SUBJECT: Forwards response to IE Bulletin 79-01, originally omitted as encl to 790612 ltr. Response available in Central Files only.

DISTRIBUTION CODE: A0015 COPIES RECEIVED: ^{See Pats} LTR 1 ENCL 1 SIZE: 1+141
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NOTES: ENCLS TO REG FILE.

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	12 I&E	2	2	14 TA/EDO	1	1
	15 CORE PERF BR	1	1	16 AD SYS/PROJ	1	1
	17 ENGR BR	1	1	18 REAC SFTY BR	1	1
	19 PLANT SYS BR	1	1	20 EEB	1	1
	21 EFLT TRT SYS	1	1	22 BRINKMAN	1	1
	DELD	1	0			
EXTERNAL:	03 LPDR	1	1	04 NSIC	1	1
	23 ACRS	16	16			

REPORT ENTITLED, "ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT."
 dtd JUNE 1979

JUL 28 1979

add
 CCP



Carolina Power & Light Company

July 16, 1979

FILE: NG-3513 (B) & (R)

SERIAL: GD-79-1772

Mr. Norman C. Moseley, Director
Division of Reactor Operations Inspection
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 AND DPR-62
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
RESPONSES TO IE BULLETIN 79-01

Dear Mr. Moseley:

Due to an administrative oversight, Carolina Power & Light Company did not send you copies of the Brunswick Steam Electric Plant and H. B. Robinson Steam Electric Plant responses to IE Bulletin 79-01 concerning environmental qualification of Class IE equipment as required by the subject bulletin. Enclosed are the subject responses in their entirety.

Carolina Power & Light Company regrets that this oversight occurred. Should you have any questions, please contact my staff.

Yours very truly,

E. E. Utley
Executive Vice President
Power Supply & Customer Services

DCS/jnh*

Enclosures

cc: Mr. James P. O'Reilly (w/o enclosures)

Note: Encls To Reg File

7907190576

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Carolina Power & Light Company

Raleigh, N. C. 27602

June 12, 1979

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KC
COPY

FILE: NG-3513 (R)

SERIAL: GD-79-1510

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, GA 30303

H. B. ROBINSON STEAM ELECTRIC PLANT
DOCKET NO. 50-261
LICENSE NO. DPR-23
RESPONSE TO IE BULLETIN 79-01

Dear Mr. O'Reilly:

Your letter of February 8, 1979, requested information on the environmental qualification of Class 1E equipment. This letter and its attached report provide Carolina Power & Light Company's response to your request.

The only stem-mounted limit switches of concern on Robinson safety systems have already been addressed in our responses to IE Bulletin 78-04 on March 29, 1978 and March 9, 1979. In view of the modifications described in those responses, we see no further concerns with stem-mounted limit switches at this time.

The attached report summarizes the qualification information available on Robinson Class 1E equipment. Actions to be taken by CP&L as a result of the findings of the report are outlined below.

Transmitter replacement, which was motivated by operational considerations not environmental concerns, will continue as new units are delivered and plant conditions permit.

We have not been able to find actual testing data on the ASCO solenoid valves used in containment, Item Number 12, and therefore CP&L will replace these valves with qualified ones at the next refueling outage. The extremely short operability time requirement and the fail safe on loss of air or power feature of the valves provide adequate assurance that operation may continue without undue risk to the public health and safety until replacement.

The McIntosh Equipment level switch, Item 23, will be replaced as quickly as a qualified replacement switch can be found and plant conditions permit. These switches only provide information to the operator and therefore no automatic safety actions are compromised even if the switches fail, and there are indirect ways in which the necessary level information could be obtained.

June 12, 1979

No information could be found on the cable splices made up inside containment at Robinson. CP&L will replace splices in safety-related cables with qualified materials. At the present time, the exact magnitude of this effort is not yet known and therefore we do not know if one or more refueling outages will be required for this effort. As plant conditions permit, a survey of the affected cables will be made to determine the number and location of the splices. When sufficient data is available to permit a detailed schedule to be prepared, we will inform you. There is no evidence that the splices were not prepared in a sound, craftsmanlike manner, and we believe that the plant can continue to operate without undue risk to the public health and safety while this issue is responsibly resolved.

We have not yet been able to find data on the radiation testing of the penetrations, Item 22, and connectors, Item 34. These issues will be pursued with Westinghouse to determine if test data or analytical results are available to qualify these components. Upon the completion of this continuing investigation, we will provide you with the results.

If you have any questions, please do not hesitate to contact my staff.

Yours very truly,

ORIGINAL SIGNED BY

M. A. McDUFFIE *for*
E. E. Utley

Executive Vice President
Power Supply & Customer Services

CSB/jnh*

cc: Messrs. R. A. Hartfield
J. G. Davis