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(2-76)

U.S. NUCLEAR REGULATORY COMMISSION

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TO:

Mr. Robert W. Reid

FROM:

Carolina Power & Light Company
Raleigh, North Carolina
E. E. Utley☒ LETTER☐ NOTORIZED

PROP

INPUT FORM

☒ ORIGINAL☒ UNCLASSIFIED☐ COPY

DESCRIPTION

ENCLOSURE

DO NOT REMOVE
ACKNOWLEDGEDConsists of typical control wiring diagram
provided to replace Figure 2 of applicant's
4/25/77 submittal concerning certain ECCS
related valves.....

(1-P)

(1-P)

PLANT NAME: H.B. Robinson Unit No. 2

RJL 8/26/77

SAFETY

FOR ACTION/INFORMATION

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Carolina Power & Light Company

August 23, 1977

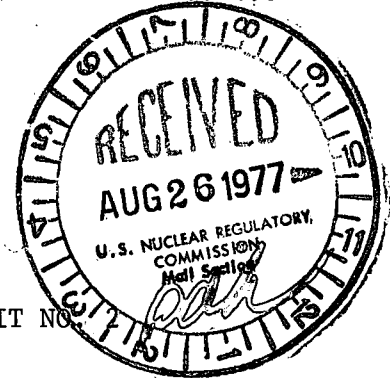
FILE: NG-3514 (R)

SERIAL: NG-77-899

Regulatory

File Cy

Mr. Robert W. Reid, Chief
Operating Reactors, Branch No. 4
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



H. B. ROBINSON STEAM ELECTRIC PLANT UNIT NO.
LICENSE NO. DPR-23
DOCKET NO. 50-261
LOCKOUT OF CRITICAL ECCS VALVES

Dear Mr. Reid:

On April 25, 1977, Carolina Power & Light Company (CP&L) submitted a proposed plant modification to H. B. Robinson Steam Electric Plant, Unit No. 2, to enable control of certain ECCS related valves from the control room with the objective of satisfying the single failure criteria and to eliminate operator action.

The attached typical control wiring diagram is provided to replace Figure 2 in our submittal of April 25, 1977. This typical control wiring diagram has been revised to isolate the control power to the valve and still retain power to the valve position indication circuit. The other provisions of the proposal remain unchanged.

Surveillance testing of the ECCS valves and the procedure for surveillance testing of the lockout feature of these valves will be incorporated into the periodic test procedures which are an integral part of the Pump and Valve In-Service Inspection (ISI) Program. These procedures are currently in preparation to support a November 7, 1977, start date for the pump and valve ISI program.

We trust this information will be suitable to conclude your review of this matter.

Yours very truly,

E. E. Utley

Senior Vice President
Power Supply

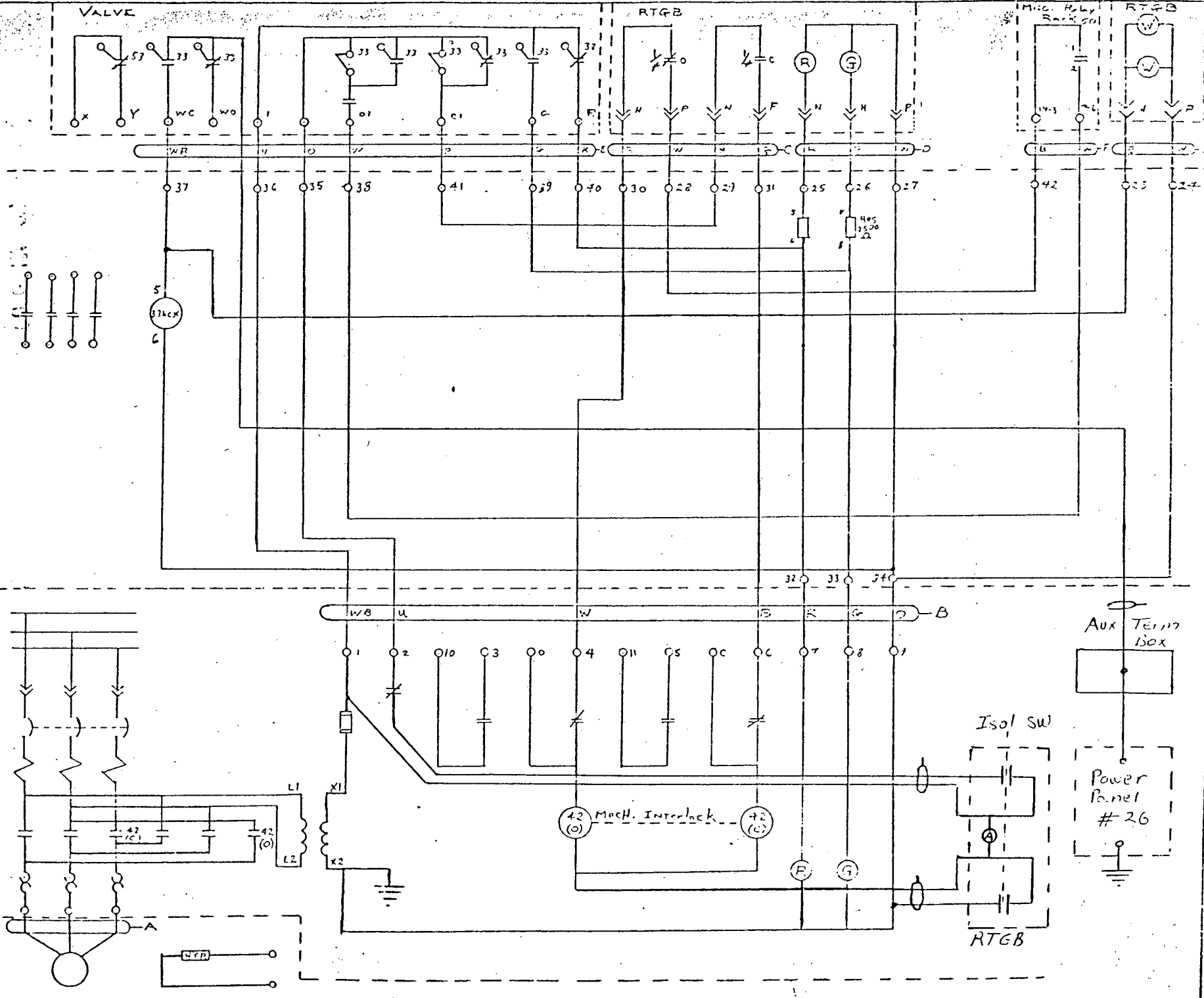
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Attachment

original design

AUXILIARY PANEL

MOTOR CONTROL CENTER



RECEIVED DOCUMENT
PROCESSING UNIT

1977 AUG 26 AM 9 08

AUG 18 1977

Docket No. 50-261

Carolina Power & Light Company
ATTN: Mr. J. A. Jones
Senior Vice President
336 Fayetteville Street
Raleigh, North Carolina 27602

Gentlemen:

By letter dated March 16, 1977, we requested that you determine if the individual performing the function of Radiation Protection Manager (RPM) at the H. B. Robinson Steam Electric Plant, Unit No. 2 (Robinson-2) meets the minimum qualifications of Regulatory Guide 1.8, September, 1975. We further stated that if the RPM is so qualified, you should propose a technical specification which states that "the RPM shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975." On the other hand, if the present incumbent does not meet the minimum requirements of the guide, we requested that you advise us of this fact and provide a written commitment that the successor to the incumbent will be so qualified and that you will propose a technical specification to that effect at the time a successor enters that position.

By letter dated May 24, 1977, you responded to our request by taking exception to the provisions of Regulatory Guide (R.G.) 1.8. Your principal objection was that the RPM should not be required to have a bachelor's degree.

This letter is to advise you that R.G. 1.8 does not require the RPM to have a bachelor's degree. Rather, the Guide says that he shall have a bachelor's degree or the equivalent in a science or engineering subject. To provide clarification of this point, our definition of "equivalent," in the context of R.G. 1.8, is as follows:

- (a) 4 years of formal schooling in science or engineering,
- (b) 4 years of applied radiation protection experience at a nuclear facility, (
- (c) 4 years of operational or technical experience/training in nuclear power, or
- (d) any combination of the above totaling 4 years.

*misc
BF*

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It should be noted that the above requirement is in addition to the requirement for five years of professional experience in applied radiation protection as specified in the Guide.

Accordingly, we reiterate the requests contained in our letter of March 16, 1977. Specifically:

- 1) Indicate whether, in the light of this clarification, the present RPM is qualified in accordance with the requirements of Regulatory Guide 1.8, September 1975, and
- 2) If the incumbent is so qualified, propose an appropriate technical specification as described in our letter of March 16, 1977, or
- 3) If the incumbent is not so qualified, provide a commitment that the successor will be so qualified and that a technical specification to that effect will be submitted when the successor enters that position.

It is requested that the above information be submitted within 45 days of receipt of this letter.

Sincerely,

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

cc: See next page

OFFICE ➤	ORB#4:DOR	C-ORB#4/DOR				
SURNAME ➤	GZwetzig:dn	RWReid				
DATE ➤	8/17/77	8/18/77				

Carolina Power & Light Company

cc: G. F. Trowbridge, Esquire
Shaw, Pittman, Potts & Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

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