

September 14, 1979

FILE: NG-3514(B)

SERIAL: GD-79-2336

Office of Nuclear Reactor Regulation
Attention: Mr. T. A. Ippolito, Chief
Operating Reactors Branch No. 3
United States Nuclear Regulatory Commission
Washington, D.C. 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
LICENSE NOS. DPR-71 AND DPR-62
DOCKET NOS. 50-325 AND 50-324
INFORMATION ON TARGET ROCK SAFETY/RELIEF VALVES

Dear Mr. Ippolito:

In response to Mr. Brian Grimes' letter of July 16, 1979, requesting information on Target Rock safety/relief valves at the Brunswick Steam Electric Plant Unit Nos. 1 and 2, Carolina Power & Light Company submits the following information:

1. What is the status of each of the Target Rock safety/relief valves at your plant(s)?

- a. Are they in their original design configuration?

CP&L Response: Yes

- b. What is the existing simmer margin?

CP&L Response: 100, 110, and 120 psig (setpoints at 1105, 1115 and 1125 psig; normal operating pressure is 1005 psig).

- c. What modifications have you implemented to improve reliability?

CP&L Response: Increase setpoint (simmer margin) by 25 psig.

- d. On what date were these modifications made?

CP&L Response: Unit No. 2 - June 1978; Unit No. 1 - September 1978.

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2. What maintenance and testing do you routinely perform on these valves and how often is it performed?

CP&L Response: (1) PT 19.4 verifies setpoint, inspect and rebuild pilot assembly; 18 months.

(2) PT 11.1.2 verifies operability of ADS valves; 18 months.

3. What additional modifications and/or maintenance do you plan to implement in the future?

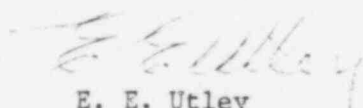
CP&L Response: None at present. We are observing and evaluating performance of the new two-stage topworks being tried at several other BWR's.

4. On what date will the modification(s) and/or maintenance in Item 3 be implemented?

CP&L Response: Not applicable.

We trust that this information satisfies the request for Target Rock safety/relief valve information.

Yours very truly,


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

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