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ACCESSION NBR: 7904270401 DOC. DATE: 79/04/20 NOTARIZED: NO DOCKET #
 FACIL: 50-261 H. B. ROBINSON PLANT, UNIT 2, CAROLINA POWER AND LIGHT 05000261
 AUTH. NAME: UTLEY, E.E. AUTHOR AFFILIATION: CAROLINA POWER & LIGHT CO.
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: OPERATING REACTORS BRANCH 1

SUBJECT: RESPONSE TO 790410 TELCON W/C TRAMMEL REQUESTING ADDL INFO
 CONCERNING ISOLATION VALVE SEAL WATER SYS. SYS IS SEISMIC
 CLASS ONE. DUE TO MOD DISCUSSED IN 790315 SUBMITTAL, NITROGEN
 SYS RECLASSIFIED AS SEISMIC CLASS ONE.

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FILE: NG-3514(R)

April 20, 1979

SERIAL: GD-79-1067

Office of Nuclear Reactor Regulation
ATTENTION: Mr. Albert Schwencer, Chief
Operating Reactors Branch No. 1
United States Nuclear Regulatory Commission
Washington, D. C. 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
ISOLATION VALVE SEAL WATER SYSTEM QUESTIONS

Dear Mr. Schwencer:

In a telephone conference on April 10, 1979, Mr. Charles Trammel of your staff requested additional information concerning the H. B. Robinson Unit No. 2 Isolation Valve Seal Water (IVSW) System. This letter provides Carolina Power & Light Company's official response to those questions.

The first question concerned the seismic qualification of the nitrogen supply system to the IVSW tank. The entire IVSW system is Seismic Class I as indicated in our March 15, 1979, submittal and as discussed in the H. B. Robinson Unit 2 FSAR on Pages 5.2.2-16, 5A-8, and 5C-9. In addition, due to the modifications discussed in our submittal, the nitrogen system back through the second check valve of the supply header, as shown in Figure 2 of that letter, will be analyzed and requalified as Seismic Class I. The supply from the nitrogen header is a routine supply and will not be seismically qualified; however, the two bottles are adequately sized to provide nitrogen to the system if needed.

Another question dealt with the available pump head for the redundant water supplies. The service water booster pumps provide water at pressures greater than 80 psig while the primary water pump provides water at greater than 125 psig. The delivered head to the IVSW system from these water sources will be within 11 psig of the discharge pressures stated above.

I trust that this information is suitable for your use.

Yours very truly,

M. A. M. Duffie
for E. E. Utley
Senior Vice President
Power Supply

MFP/CSB/mf

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