

REGULATOR INFORMATION DISTRIBUTION SYSTEM (R)

ACCESSION NBR: 8205030434 DOC. DATE: 82/04/28 NOTARIZED: NO
 FACIL: 50-261 H. B. Robinson Plant, Unit 2, Carolina Power and
 AUTH. NAME AUTHOR AFFILIATION
 ZIMMERMAN, S. R. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 VARGA, S. A. Operating Reactors Branch 1

SUBJECT: Provides info in response to 820226 request for addl info re
 method util will use to calibr containment high-range
 radiation monitor per NUREG-0737, Item II.F.1.

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Carolina Power & Light Company

APR 28 1982



Office of Nuclear Reactor Regulation
ATTN: Mr. Steven A. Varga, 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
NUREG-0737, ACTION ITEM II.F.1.3
CONTAINMENT HIGH-RANGE MONITOR

Dear Mr. Varga:

In response to your letter of February 26, 1982 requesting additional information regarding the method we will use to calibrate the Containment High Range Area Radiation Monitor at the H. B. Robinson Steam Electric Plant Unit 2 (HBR2) Carolina Power & Light Company (CP&L) provides the following information.

The Containment High Range Area Radiation Monitor at HBR2 will be calibrated in a non-in-situ manner as opposed to the in-situ technique recommended in NUREG-0737. The detector system will be removed from its normal location and calibrated in the on-site calibration facility. A full calibration, involving a complete electronic calibration and a source calibration for the first decade, will be performed on the detector system. Prior to returning the system to its normal location the system's Electronic Check Source (ECS) circuit will be activated and the indication will be recorded. Following installation, the detector system ECS circuit will be reactivated and the indication will again be recorded. If the non-in-situ and in-situ indications vary by less than 20%, the detector system is considered properly calibrated.

The above recalibration method combined with the non-in-situ and in-situ ECS circuit checks demonstrate that the entire channel is functioning accurately and fulfills the intent of the in-situ source check requirement.

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HBR2 takes no other exception to NUREG-0737 Action Item II.F.1
Attachment 3.

If you have any further questions, please contact a member of my
staff.

Yours very truly,

A handwritten signature in dark ink, appearing to read "S. R. Zimmerman". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

S. R. Zimmerman
Manager

Licensing & Permits

DCW/lr (n-30)

cc: Mr. H. R. Denton (ONRR)
Mr. J. P. O'Reilly (NRC-RII)