



Carolina Power & Light Company

JAN 11 1983

Office of Nuclear Reactor Regulation  
ATTN: Mr. D. B. Vassallo, Chief  
Operating Reactors Branch No. 2  
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

REQUEST FOR LICENSE AMENDMENT  
CONTAINMENT INTERNAL PRESSURE

Dear Mr. Vassallo:

SUMMARY

In accordance with the Code of Federal Regulations, Title 10, Part 50.90 and Part 2.101, Carolina Power & Light Company (CP&L) hereby requests revisions to the Technical Specifications (TS) for the H. B. Robinson Steam Electric Plant (HBR2), Unit No. 2. The purpose of these revisions is to make the TS compatible with present safety analysis.

DISCUSSION

The basis for TS 3.6.2 assumes an allowable internal pressure before a LOCA of 4 psig. Technical Specification 3.6.2 as presently written, requires that the plant be shutdown if containment internal pressure exceeds 2 psig for more than eight hours. Carolina Power & Light Company administrative controls require that the containment be vented when the 2 psig limit is reached, but venting is normally conducted prior to reaching 1 psig.

After discovery of an error in the calculation of the containment net free volume used in the FSAR, this volume was recalculated and found to be less than originally determined. The calculated peak accident pressure thereby increased from 37.8 psig to 40 psig. Since the containment design pressure is 42 psig, the allowable internal pressure before LOCA has been reduced from 4 psig to 2 psig.

There is no need for a revised containment analysis since no new information has been identified that would invalidate the 40 psig peak containment pressure value.

As a result of the increased peak accident pressure, CP&L has implemented new administrative controls, such that containment pressure shall not be allowed to exceed 1 psig without management concurrence. Revision of TS 3.6.2 and its basis, as attached, will make the newly implemented administrative controls and the TS consistent.

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w/let*

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PER ADUCR 03000241  
PDR

41 Revolving Fund - P. O. Box 1551 - Raleigh, N. C. 27602



Mr. D. N. Vassallo

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ADMINISTRATIVE INFORMATION

You will find enclosed the revised 78 pages with the changes indicated by vertical lines in the right-hand margin. We have evaluated this request in accordance with the criteria in 10CFR170.27 and have determined that this request involves an administrative issue; therefore, a single Class 27 license assessment fee is required for Unit 2. Our check for one thousand two hundred dollars (\$1200.00) is enclosed in payment of this fee.

Should you have any questions concerning this matter, please contact a member of my staff.

Yours very truly,

*L. W. Bury*

L. W. Bury  
Senior Vice President  
Nuclear Supply

AMS/om (58870574)  
attachment

L. W. Bury, having been first duly sworn, did depose and say that the information contained herein is true and correct to his own personal knowledge or based upon information and belief.

My commission expires: OCT 04 1988

cc: Mr. J. P. O'Reilly (NRC-NIE)  
Mr. C. Deque (NRC)  
Mr. Steve Weiss (NRC-NER)

*Franklin M. ...*  
Notary (Seal)

