

JUL 5 1977

Docket No. 50-261

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

Gentlemen:

By letter dated September 16, 1975, you provided the results of a study relative to the degree to which containment leak testing procedures at H. B. Robinson Unit No. 2 were in conformance with Appendix J to 10 CFR 50.

Regarding the testing of air locks, you noted that Appendix J requires testing every six months or after each opening. You also stated that testing at this frequency of the entire air lock is both impractical and unnecessary and requested an exemption from this requirement. Instead of testing at the specified frequency you proposed to test the total air lock system at every refueling outage. You also noted that the air lock door seals are tested at pressure Pa on a continuous basis by the plant penetration pressurization system.

In order that we can continue our review we will need the following additional information:

1. An analysis which defines an acceptable leakage rate for the air lock door seals alone.
2. An analysis which demonstrates that the continuous pressurization monitoring system has sufficient sensitivity to detect the acceptable leakage rate defined in 1, above.
3. Although we are unaware of acceptable technical bases for granting an exemption from the provisions of Appendix J which require a leak test of the total airlock system every six months, you may submit substantive and specific bases for such exemption as you may desire for our review. Such bases should address the reliability aspects of maintaining an acceptable leak rate for the total air lock system in the proposed increased interval between tests.

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You are requested to submit the above information within 60 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	PSB	C-PSB	C-ORB#4: DOR	
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Carolina Power & Light Company

cc: G. F. Trowbridge, Esquire
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