



**Florida  
Power**  
CORPORATION

March 31, 1983  
3F-0383-32

Director of Nuclear Reactor Regulation  
Attention: Mr. John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Subject: Crystal River Unit 3  
Docket No. 50-302  
Operating License No. DPR-72  
Integrated Leak Rate Testing

Dear Mr. Stolz:

Florida Power Corporation hereby requests NRC approval to perform a short duration integrated leakage rate test (Type A) at Crystal River Unit 3 (CR-3). The short duration test will be performed to meet the criteria of Bechtel Topical Report NB-TOP-1, Revision 1, dated November 1, 1972, "Testing Criteria for Integrated Leakage Rate Testing of Primary Containment Structures for Nuclear Power Plants". The test will also be in conformance with CR-3 Technical Specifications, 10 CFR 50 Appendix J and ANSI N45.4-1972, "Leakage-Rate Testing of Containment Structures for Nuclear Reactors".

In addition to meeting the above criteria, the mass point technique will be used to calculate the leakage rate. This technique is recommended in ANSI N56.8 - 1981, "Containment System Leakage Testing Requirements" for short duration leak rate tests. The measured overall integrated containment leakage rate of less than or equal to  $0.75 L_a$  (where  $L_a$  equals 0.25 percent by weight of the containment air per 24 hours at 49.6 psig) will be used as the acceptance criteria as required by 10 CFR 50, Appendix J and CR-3 Technical Specification 3.6.1.2.a.

Florida Power Corporation understands that the Bechtel Topical Report has been approved by the NRC. The use of this technique will not require technical specification changes; however, it will require a change to the CR-3 FSAR. This change will be included in the 1984 FSAR update.

Please provide your response to this request as soon as possible so that planning for this test can be completed as the test is scheduled to be performed at the end of our current refueling outage (July, 1983).

Sincerely,

G. R. Westafer  
Manager  
Nuclear Licensing and Fuel Management

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cc: Mr. J. P. O'Reilly