

50-261



Westinghouse Electric Corporation

Power Systems

PWR Systems Division

Box 355  
Pittsburgh Pennsylvania 15230

December 10, 1969

E-LE-1870

Dr. Peter A. Morris  
Director of Reactor Licensing  
U. S. Atomic Energy Commission  
Bethesda, Maryland

Dear Dr. Morris:

Enclosed are one hundred ten (110) copies of WCAP-7372, "Control of the Hydrogen Concentration Following a Loss-of-Coolant Accident by Containment Venting for the H. B. Robinson Plant." This report is being submitted in support of the Carolina Power and Light Company application for reactor construction and operating license, Docket No. 50-261. It contains an evaluation of the consequences of post-loss-of-coolant accident containment venting as a means of controlling hydrogen concentration and shows that this method of hydrogen control can be used within the annual exposure limits of 10 CFR 20 for the surrounding population. This report will be referenced in answers to AEC questions concerning post-accident hydrogen control.

We understand this report will be placed in the Public Document Room in the H. B. Robinson file, Docket No. 50-261.

Very truly yours,

Robert A. Wiesemann, Manager  
Licensing Engineering

/gp  
Enclosures