

CP&L
Carolina Power & Light Company

November 20, 1972

Mr. John F. O'Leary
Directorate of Reactor Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545



50-261

H. B. ROBINSON UNIT NO. 2
LICENSE DPR-23
CONTAINMENT VESSEL INTEGRITY

Dear Mr. O'Leary:

In accordance with Technical Specifications and Bases, Section 6.6.2.D, it is reported that an abnormal occurrence took place on October 27, 1972, when containment vessel integrity was broken.

At 10:25 A.M., the containment vessel personnel hatch inner door malfunctioned while two maintenance technicians were leaving the containment vessel, resulting in this door jamming open approximately four inches with the technicians in the air lock. Due to limited stay time, the containment vessel was depressurized at 10:28 A.M., a purge was initiated at 10:36 A.M., and the outer door of the personnel hatch was opened at 10:40 A.M. The technicians exited, and the outer door was immediately reclosed, violating containment integrity for about ten seconds.

The inner and outer personnel hatch doors are mechanically interlocked to prevent simultaneous opening. A cam track bearing in the inner door mechanism failed, preventing closure of this door and, therefore, the permissive for opening the outer door could not be satisfied. With permission from Mr. Bob Schemel of the Directorate of Reactor Licensing, containment integrity was momentarily broken a second time to allow maintenance personnel access to make necessary repairs. A new cam track bearing was installed, returning the interlock system to satisfactory operating conditions.

The Plant Nuclear Safety Committee has reviewed this incident, concurred with the actions taken, and concluded that there was necessary justification to break containment integrity for the short duration involved.

Yours very truly,

E. E. Utley
E. E. Utley

Vice President
Bulk Power Supply

ACT:za

cc: Mr. C. D. Barham
Mr. N. B. Bessac
Mr. B. J. Furr
Mr. S. Grant

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