

DmB

UNION ELECTRIC COMPANY

1901 GRATIOT STREET
ST. LOUIS, MISSOURI

DONALD F. SCHNELL
VICE PRESIDENT

May 11, 1984

MAILING ADDRESS:
P. O. BOX 149
ST. LOUIS, MISSOURI 63166

Mr. James G. Keppler
Regional Administrator
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60317

Dear Mr. Keppler:

ULNRC- 818

FINAL 10CFR50.55(e) REPORT U-78
HALON FIRE PROTECTION SYSTEM
CHEMETRON CHECK VALVE FAILURE
CALLAWAY PLANT

REFERENCE: ULNRC-793 dated April 10, 1984

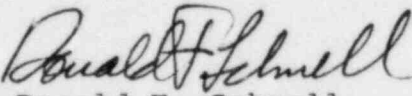
The referenced letter provided an interim report regarding a significant deficiency involving failure of a spring seat for a Chemetron No. 1-061-0732 check valve during discharge testing of a Halon Fire Protection System. As reported, parts from the fractured spring seat became lodged in a selector valve which may have adversely affected subsequent discharges.

The vendor has performed the evaluation of the failure and concluded by successful testing that an upgraded material for the spring seat is all that is required.

Union Electric has installed the reworked check valves with the upgraded spring seat in all Halon systems. In order to retain the UL listing of the original check valve the vendor has submitted the documentation for the upgraded check valve to UL for their final approval.

This letter serves as our final report on this subject.

Very truly yours,


Donald F. Schnell

PBD/jm

cc: W. L. Forney, Region III
Richard DeYoung, Director I&E
NRC Resident Inspectors, Callaway Plant (2)
Missouri Public Service Commission

8405180253 840511
PDR ADCK 05000483
S PDR

MAY 14 1984
IE 27/10