

November 14, 1984

Docket Nos. 50-254/265

Mr. Dennis L. Farrar  
Director of Nuclear Licensing  
Commonwealth Edison Company  
Post Office Box 767  
Chicago, Illinois 60690

DISTRIBUTION

Docket File

Local PDR

DEisenhut

SNorris

ELJordan

JPartlow

Gray File

KDesai

NRC PDR

ORB#2 Rdg

OELD

RBevan

PMcKee

ACRS (10)

RClark

Dear Mr. Farrar:

SUBJECT: NUREG-0737, ITEM II.K.3.16

Re: Quad Cities Nuclear Power Station, Units 1 and 2

As a result of the TMI-2 accident, the Commission concluded that, in a boiling water reactor (BWR), failure of a safety/relief valve (SRV) to close would be the most likely cause of a small-break Loss-of-Coolant Accident (LOCA). At the time, the operating history of SRVs had been poor, resulting in a relatively high failure rate per challenge.

NUREG-0737, Item II.K.3.16 required BWR licensees and BWR operating license applicants to investigate the feasibility of a number of actions and modifications to reduce challenges to SRVs. The objective of the task was to effect sufficient changes so as to substantially reduce challenges to SRVs by an order of magnitude. This evaluation was performed by the BWR Owners Group and reported in BWROG-8134.

By letter dated April 3, 1984, we sent you our generic Safety Evaluation (SE) of the BWR Owners Group study, endorsing three specific modifications along with an effective preventative maintenance program. Our letter requested that you advise us of what actions you have taken or propose to take to reduce challenges and failures of SRVs in your facilities. You responded by letter dated June 12, 1984.

We have reviewed your response and conclude that the actions you have taken or have committed to take will achieve the objective of NUREG-0737, Item II.K.3.16. Therefore, we consider this task resolved for the Quad Cities Nuclear Power Station, Units 1 and 2.

Sincerely,

Original signed by/

Domenic B. Vassallo, Chief  
Operating Reactors Branch #2  
Division of Licensing

cc: See next page

DL:ORB#2  
SNorris:ajs  
11/14/84

DL:ORB#2  
RBevan  
11/14/84

DL:ORB#2  
DVassallo  
11/14/84

Mr. Dennis L. Farrar  
Commonwealth Edison Company  
Quad Cities Nuclear Power Station, Units 1 and 2

cc:

Mr. D. R. Stichnoth  
President  
Iowa-Illinois Gas and  
Electric Company  
206 East Second Avenue  
Davenport, Iowa 52801

Robert G. Fitzgibbons, Jr.  
Islam, Lincoln & Beale  
Three First National Plaza  
Suite 5200  
Chicago, Illinois 60602

Mr. Nick Kalivianakas  
Plant Superintendent  
Quad Cities Nuclear Power Station  
22710 - 206th Avenue - North  
Cordova, Illinois 61242

Resident Inspector  
U. S. Nuclear Regulatory Commission  
22712 206th Avenue North  
Cordova, Illinois 61242

Chairman  
Rock Island County Board  
of Supervisors  
Rock Island County Court House  
Rock Island, Illinois 61201

James G. Keppler  
Regional Administrator  
Region III Office  
U. S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

U. S. Environmental Protection  
Agency  
Region V Office  
Regional Radiation Representative  
230 South Dearborn Street  
Chicago, Illinois 60601

Susan N. Sekuler  
Assistant Attorney General  
Environmental Control Division  
188 W. Randolph Street  
Suite 2315  
Chicago, Illinois 60601

The Honorable Tom Corcoran  
United States House of  
Representatives  
Washington, D. C. 20515

Mr. Gary N. Wright  
Nuclear Facility Safety  
Illinois Department of  
Nuclear Safety  
1035 Outer Park Drive, 5th Floor  
Springfield, Illinois 62704