



UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

January 17, 1973

Docket No. 50-265

100-27

Dr. Chester P. Siess  
Chairman, Advisory Committee  
on Reactor Safeguards  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

Dear Dr. Siess:

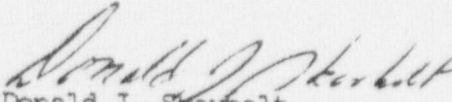
Sixteen (16) copies of the following are transmitted for the  
Committee's information:

Letter from Commonwealth Edison Company dated January 9,  
1973, reporting an abnormality in the sodium pentaborate  
solution level in the Quad-Cities Unit 2 liquid control  
system storage tank.

Letter from Commonwealth Edison Company dated January 5,  
1973, reporting a high temperature level in the Quad-  
Cities Unit 2 suppression chamber.

Letter from Commonwealth Edison Company dated January 5,  
1973, reporting that the Quad-Cities Unit 2 reactor water  
cleanup system outboard isolation valve, MO 2-1201-5,  
failed to close.

Sincerely,

  
Donald J. Skovholt  
Assistant Director for  
Operating Reactors  
Directorate of Licensing

Enclosures:  
As stated

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SUPPLEMENT NO. 161

CATEGORY B

Quad Cities Unit 2

January 31, 1973

HMH Pressure Switch Setpoint Drift

&amp;

ACRS Commonwealth Edison Company letter dated December 1, 1972 reports further on the pressure switch setpoint drift reported earlier (see Supplement No. 160, page 58) and on the corrective actions being taken.

The Regulatory Staff has initiated a low priority investigation into this problem.

No ACRS action is recommended pending completion of the Staff investigation.

The enclosed material should be retained as part of the permanent record.

(JCM)

HMH RCIC Isolation Valve Failed to Close

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ACRS Commonwealth Edison Company TWX dated December 2, 1972 reports that, during the monthly surveillance test, the RCIC isolation valve failed to close; its redundant companion valve was closed and operation continued.

Commonwealth Edison Company letter dated December 6, 1972 reports further on this incident. The problem was traced faulty torque switch which was replaced and proper operation restored.

No ACRS action is recommended.

The enclosed material may be discarded after your review.

(JCM)

HMH Pressure Switches Out of Calibration

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ACRS Commonwealth Edison Company TWX dated December 20, 1972 reports that 3 out of 4 EHC oil pressure switches were found to be out of calibration. They were recalibrated and restored to service.

Commonwealth Edison Company letter dated December 27, 1972 reports further on this incident. These are Barksdale pressure switches. The drifts in set point of these switches are not considered of major significance since the scram is an anticipatory scram.

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CATEGORY B

Quad Cities Unit 2 Continued

January 31, 1973

Commonwealth Edison Company TWX dated December 30, 1972 reports a similar occurrence.

Commonwealth Edison Company letter dated January 11, 1973 reports further on the incidents. Calibration checks will be made monthly.

No ACRS action is recommended.

The enclosed material may be discarded after your review.

(JCM)

HMH Main Steam Isolation Valve Slow Closure

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ACRS Commonwealth Edison Company TWX dated December 20, 1972 reports one main steam line isolation valve took 5.1 sec. to close (limit is 3 to 5 sec). It also reports a valve operation error that raised the torus water level above the operating limits.

Commonwealth Edison Company letter dated January 3, 1973 reports further on the above incident. The valve timing system was adjusted to get a closure time of 3.0 sec.

No ACRS action is recommended.

The enclosed material may be discarded after your review.

(JCM)

HMH Cleanup System Valve Malfunction

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ACRS Commonwealth Edison Company TWX dated December 24, 1972 reports that an outboard isolation valve in the cleanup system failed to close on demand; its redundant inboard valve was closed. The cause of the malfunction is not identified.

Commonwealth Edison Company letter dated January 5, 1973 reports further on this incident. The cause was a malfunctioning torque limit switch which was replaced. A program to further investigate the problems with valve operators is being developed and should be submitted by January 15, 1973.

No ACRS action is recommended.

The enclosed material may be discarded after your review.

(JCM)

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SUPPLEMENT NO. 161

CATEGORY B

Quad Cities Unit 2 Continued

January 31, 1973

HMH High Water Level in Torus

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ACRS Commonwealth Edison Company letter dated January 5, 1973 describes  
the incident in which the water level in the torus was raised  
above its allowable operating level. A normally locked closed  
valve was opened to refill the torus and was not reclosed. A  
shift change occurred and apparently the information was not  
relayed to the oncoming shift. A normal plant startup action  
resulted in more water being added to the torus. When the  
cause of the water flow was found it was cut off and the excess  
water was drained from the torus. More stringent control of  
locked valves has been adopted as well as new rules for shift  
relief.

No ACRS action is recommended.

The enclosed material may be discarded after your review.

(JCM)

HMH Standby Liquid Control System

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ACRS Commonwealth Edison Company letter dated January 9, 1973 reports  
on an incident in which it was thought that the amount of liquid  
poison in the storage tank dropped below the allowable limits.  
The primary problem was with the tank level measuring instrument  
(an air bubbler) where recrystallization of the boron solution in  
the tube caused false level readings. In addition the instrument  
was not accurately calibrated to the poison tank's real capacity.  
Installation of a sight glass on the tank is being considered.

No ACRS action is recommended.

The enclosed material may be discarded after your review.

(JCM)

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