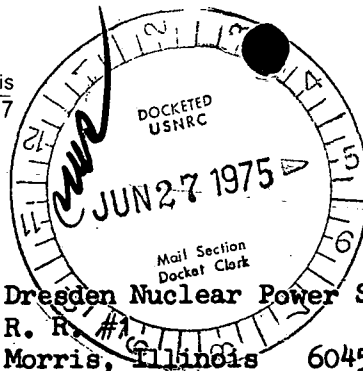




Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

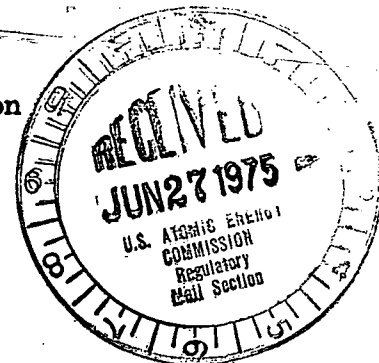


Regulatory

File 674

BBS Ltr. #376-75

Dresden Nuclear Power Station
 R. R. #1
 Morris, Illinois 60450
 June 17, 1975



Mr. James G. Keppler, Regional Director
 Directorate of Regulatory Operations-Region III^U
 U. S. Nuclear Regulatory Commission
 799 Roosevelt Road
 Glen Ellyn, Illinois 60137

SUBJECT: SUPPLEMENTAL REPORT ON EXCESSIVE LEAKAGE THROUGH VALVE A03-1601-21.

- References: 1) Drawing Number: M-356
 2) Report Number: 50-249/1975-6

Report Number: 50-249/1975-6-A

Report Date: June 17, 1975

Occurrence Date: February 14, 1975

Facility: Dresden Nuclear Power Station, Morris, Illinois

INTRODUCTION

On February 14, 1975 leakage in excess of the Technical Specification limit of 5% LTO (29.381 scfh) was detected through isolation valve A0 3-1601-21 (report no. 50.249-1975-6). When the valve was removed from the system, cracks were found in the valve seat. The cause of the cracks was not known at that time, and the valve was sent to the manufacturer for further evaluation.

DESIGNATION OF APPARENT CAUSE

The manufacturer examined the valve and found that it leaked totally around the seating area when pressurized to 30 psig. The valve seat had two deep tears or cracks about one inch long off the seating area. Although the cracks themselves did not leak, they distorted the rubber seat, causing the overall leakage.

The manufacturer found the rest of the seat in good condition. Because the leakage was generalized, improper valve assembly was not considered a probable cause; however, the manufacturer could not rule out cryogenic deterioration.

6905

JUN 25 1975

CORRECTIVE ACTION

Since cryogenic deterioration of the valve seat appears to be a possible cause of the leakage, a temperature element will monitor the valve area during the nitrogen inerting process. Before the end of the outage, the temperature element will be repositioned on the bottom of the pipe to indicate any liquid nitrogen accumulation.


B. B. Stephenson
Superintendent

BBS:ELS:smp

File/NRC

SUPPLEMENT TO DVR

DVR NO.	STA	UNIT	YEAR	NO.
D - 12	-	3	- 75	- 9

PART 1	TITLE OF EVENT	OCCURRED	
	<i>Excessive Leakage Through AO 3-1601-21</i>	<i>2-14-75</i> DATE	<i>1800</i> TIME
	REASON FOR SUPPLEMENTAL REPORT		
	<i>To give the cause of the leakage and state the corrective action to be taken to prevent recurrence of this incidence following manufacturer's evaluation of valve.</i>		
PART 2			
	ACCEPTANCE BY STATION REVIEW	<i>[Signature]</i>	<i>[Signature]</i>
	DATE	<i>6/17/75</i>	<i>6/17/75</i>
	SUPPLEMENTAL REPORT APPROVED AND AUTHORIZED FOR DISTRIBUTION	<i>[Signature]</i> STATION SUPERINTENDENT	<i>6/18/75</i> DATE

APPROVED

SEP 24 1974

Q.C.P.

Dresden #3