

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO:
Mr. James G. Keppler

FROM:
Commonwealth Edison Company
B. B. Stephenson
Morris, Illinois

DATE OF DOCUMENT
5/2/77

DATE RECEIVED
5/13/77

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

DESCRIPTION

DO NOT REMOVE

PLANT NAME: **ACKNOWLEDGED**
Dresden Unit No. 2 (1-P)
RJL

ENCLOSURE

Licensee Event Report (RO 50-237/1977/16) on 4/2/77 concerning the torque switch on the limitorque operator for recirculation pump suction valve MO-2-202-4B opening & preventing the valve from closing.....

(2-P)

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

BRANCH CHIEF:	<i>ZIEMANN</i>
W/3 CYS FOR ACTION	
LIC. ASST.:	<i>DIGGS</i>
W/7 CYS	
ACRS <i>16</i> CYS HOLDING/SENT	<i>AS CAT 13</i>

INTERNAL DISTRIBUTION

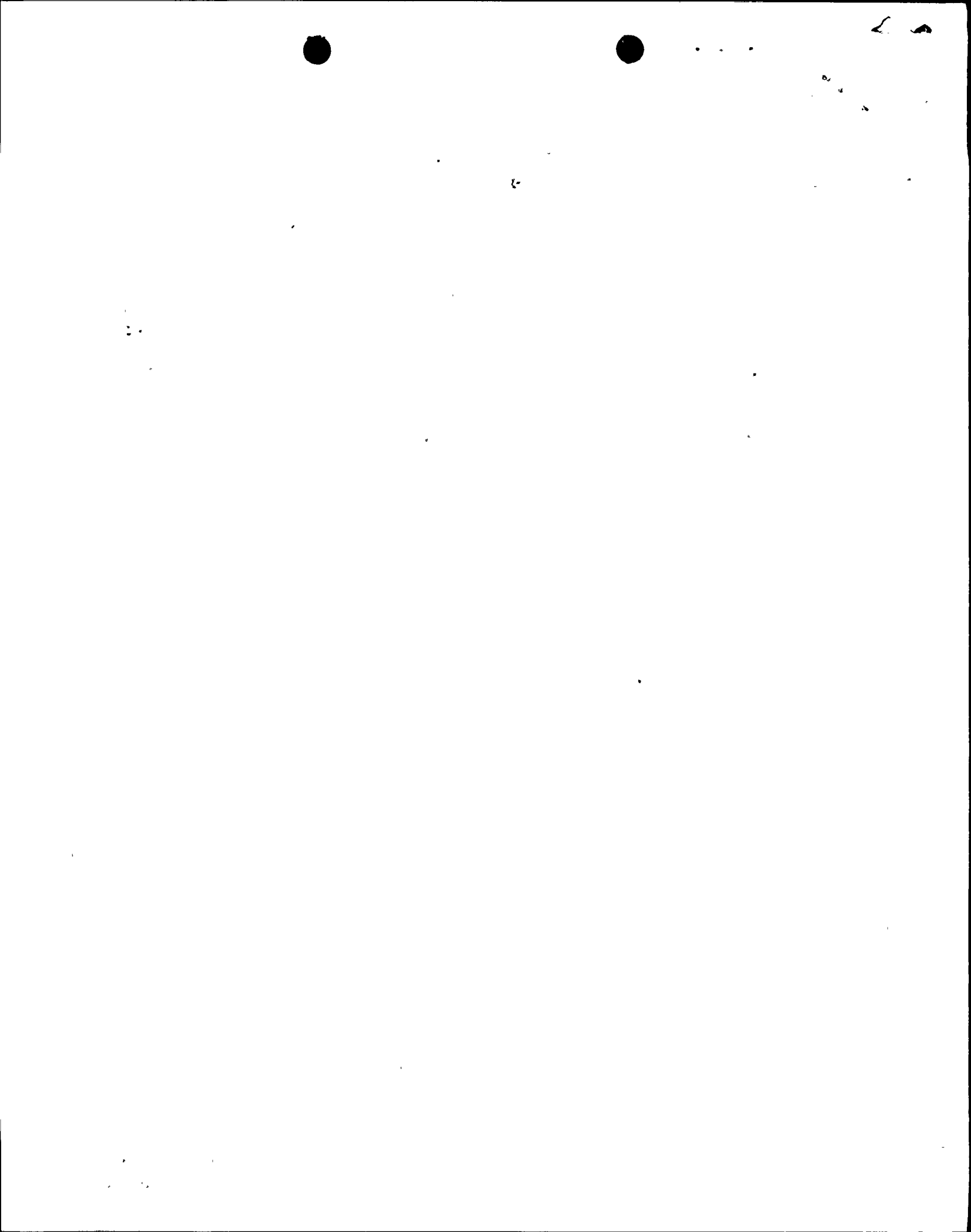
<input checked="" type="checkbox"/> REG FILE				
<input type="checkbox"/> NRC PDR				
<input type="checkbox"/> I & E (2)				
<input type="checkbox"/> MIPC				
<input type="checkbox"/> SCHROEDER/IPPOLITO				
<input type="checkbox"/> HOUSTON				
<input type="checkbox"/> NOVAK/CHECK				
<input type="checkbox"/> GRIMES				
<input type="checkbox"/> BUTLER				
<input type="checkbox"/> HANAUER				
<input type="checkbox"/> TEDESCO/MACCARY				
<input type="checkbox"/> EISENHUT				
<input type="checkbox"/> BAER				
<input type="checkbox"/> SHAO				
<input type="checkbox"/> VOLLMER/BUNCH				
<input type="checkbox"/> KREGER/J. COLLINS				

EXTERNAL DISTRIBUTION

LPDR: <i>MORRIS 146</i>	
TIC:	
NSIC:	

CONTROL NUMBER

771430044





Commonwealth Edison
Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

W. Larson

REGULATORY DOCKET FILE COPY

BBS Ltr. # 77-390

May 2, 1977



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

Enclosed please find Reportable Occurrence report number 50-237/1977-16.
This report is being submitted to your office in accordance with the Dresden
Nuclear Power Station Technical Specifications, Section 6.6.B.

B. B. Stephenson
Station Superintendent
Dresden Nuclear Power Station

BBS:skm

Enclosure

cc: Director of Inspection & Enforcement
Director of Management Information & Program Control
File/NRC

MAY 4 1977

771430044



1952 - 1953 - 1954 - 1955

LICENSEE EVENT REPORT

CONTROL BLOCK: [] [] [] [] [] []

PLEASE PRINT ALL REQUIRED INFORMATION

LICENSEE NAME [01] I L D R S [2] 14						LICENSE NUMBER [0] [0] [-] [0] [0] [0] [0] [0] [-] [0] [0]						LICENSE TYPE [4] [1] [1] [1] [1]				EVENT TYPE [0] [3]	
CATEGORY [01] CONT 57 58		REPORT TYPE [L] 59	REPORT SOURCE [L] 60	DOCKET NUMBER [0] [5] [0] [-] [0] [2] [3] [7]				EVENT DATE [0] [4] [0] [2] [7] [7]				REPORT DATE [0] [5] [0] [2] [7] [7]					

EVENT DESCRIPTION

[02] While isolating the "B" recirculation loop to replace a leaking test flange, the
[03] torque switch on the limitorque operator for recirculation pump suction valve
[04] MO-2-202-4B opened and prevented the valve from closing. In the highly unlikely
[05] event of a piping failure between the suction and discharge valves of the "B"
[06] recirculation pump, the open suction valve would have prevented the leak from being

SYSTEM CODE [07] C B 7 8 9 10	CAUSE CODE [E] 11	COMPONENT CODE V A L V E X 12 13 14 15 16 17	PRIME COMPONENT SUPPLIER [N] 43	COMPONENT MANUFACTURER C 6 6 5 44 45 46 47	VIOLATION [N] 48
----------------------------------	----------------------	---	------------------------------------	---	---------------------

(continued)

CAUSE DESCRIPTION

[08] The torque-limiting switch opened as a result of the valve packing being too tight.
[09] After loosening the packing, the valve was cycled normally three times. The valve is a
[10] Crane 28" gate valve, model number 608WE0S, with operating pressure of 1250 psi at

FACILITY STATUS [11] G 7 8 9	% POWER [0] [0] [0] 10 11 12	OTHER STATUS NA 13 14 15 16 17	METHOD OF DISCOVERY [A] 44 45	DISCOVERY DESCRIPTION NA 46 47 48
FORM OF ACTIVITY RELEASED [12] Z 7 8 9	CONTENT OF RELEASE [Z] 10 11	AMOUNT OF ACTIVITY NA 12 13 14 15 16 17	LOCATION OF RELEASE NA 44 45 46 47 48	

(continued)

PERSONNEL EXPOSURES

NUMBER [13] 0 0 0 7 8 9	TYPE [Z] 11 12	DESCRIPTION NA 13 14 15 16 17
----------------------------	-------------------	----------------------------------

PERSONNEL INJURIES

NUMBER [14] 0 0 0 7 8 9	DESCRIPTION NA 11 12
----------------------------	-------------------------

OFFSITE CONSEQUENCES

[15] NA 7 8 9

LOSS OR DAMAGE TO FACILITY

TYPE [16] Z 7 8 9	DESCRIPTION NA 10 11 12 13 14 15 16 17
----------------------	---

PUBLICITY

[17] NA 7 8 9

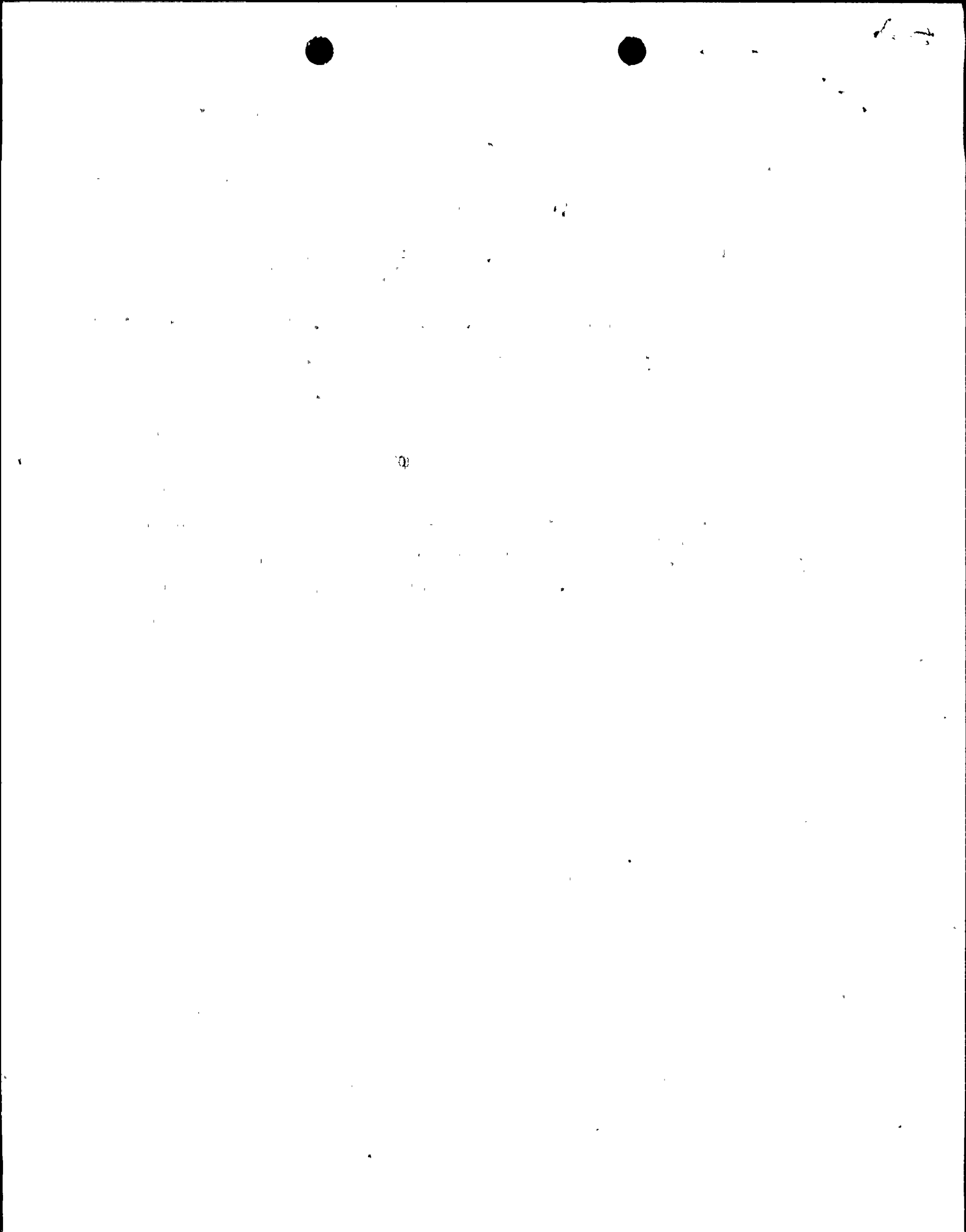
ADDITIONAL FACTORS

[18] NA 7 8 9

[19] 7 8 9

NAME: Gerry Romba

PHONE: (815) 942-2920 EXT. 422



EVENT DESCRIPTION (continued)

isolated. However, the emergency core cooling systems (ECCS) are designed to maintain adequate reactor water level in this event. A similar occurrence happened on 10/18/74 with this same valve (50-237/1974-52). At that time, the setting on the torque-limiting switch was increased (50-237/1977-16).

CAUSE DESCRIPTION (continued)

575°F. The operator is direct acting, manufactured by Limitorque, model number SMB-2, with a torque rating of 1700 ft. lbs.

RECEIVED DOCUMENT
PROCESSING UNIT

1977 MAY 20 PM 1 56