

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

50-237

FILE NUMBER
INCIDENT REPORT

TO: J.G. KEPPLER

FROM: COMMONWEALTH EDISON CO.
MORRIS, ILLINOIS
B.B. STEPHENSON

DATE OF DOCUMENT
3/17/77

DATE RECEIVED
3/24/77

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP
INPUT FORM

NUMBER OF COPIES RECEIVED
1 CY RECEIVED

DESCRIPTION
LTR. TRANS THE FOLLOWING.....

ACKNOWLEDGED

PLANT NAME: DRESDEN # 2

SAB **DO NOT REMOVE**

ENCLOSURE
LICENSEE EVENT REPORT FOR R.O.# ~~46-18~~ ⁷⁷⁻⁶ ON
2/16/77 CONCERNING THREE UNIT-2 SURVEILLANCE INTERVALS HAD BEEN INADVERTENTLY EXCEEDED.....

(2P)

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/1 CYS	
ACRS 16 CYS HOLDING/SENT	<i>AS CAT B</i>

INTERNAL DISTRIBUTION

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

EXTERNAL DISTRIBUTION

LPDR: <i>Morris Ill.</i>	
TIC:	
NSIC:	

CONTROL NUMBER

770870114
~~770870114~~



Handwritten scribbles and marks in the top right corner.

Faint, illegible text or markings in the upper left quadrant.

A horizontal line of faint, illegible text or markings across the middle left.

Faint, illegible text or markings in the middle right area.

A vertical line of faint, illegible text or markings on the far left edge.

A small, faint mark or character.

A small, faint mark or character.



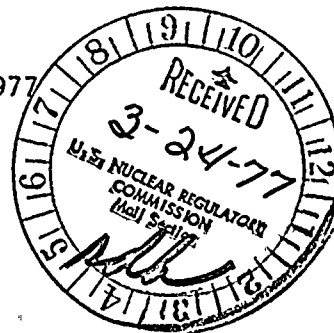
Commonwealth Edison
Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

BBS Ltr. #77-220

March 17, 1977

REGULATORY DOCKET FILE COPY

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



REFERENCE: Reportable Occurrence report number 50-237/1976-71

Enclosed please find Reportable Occurrence report number 50-237/1977-6.
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

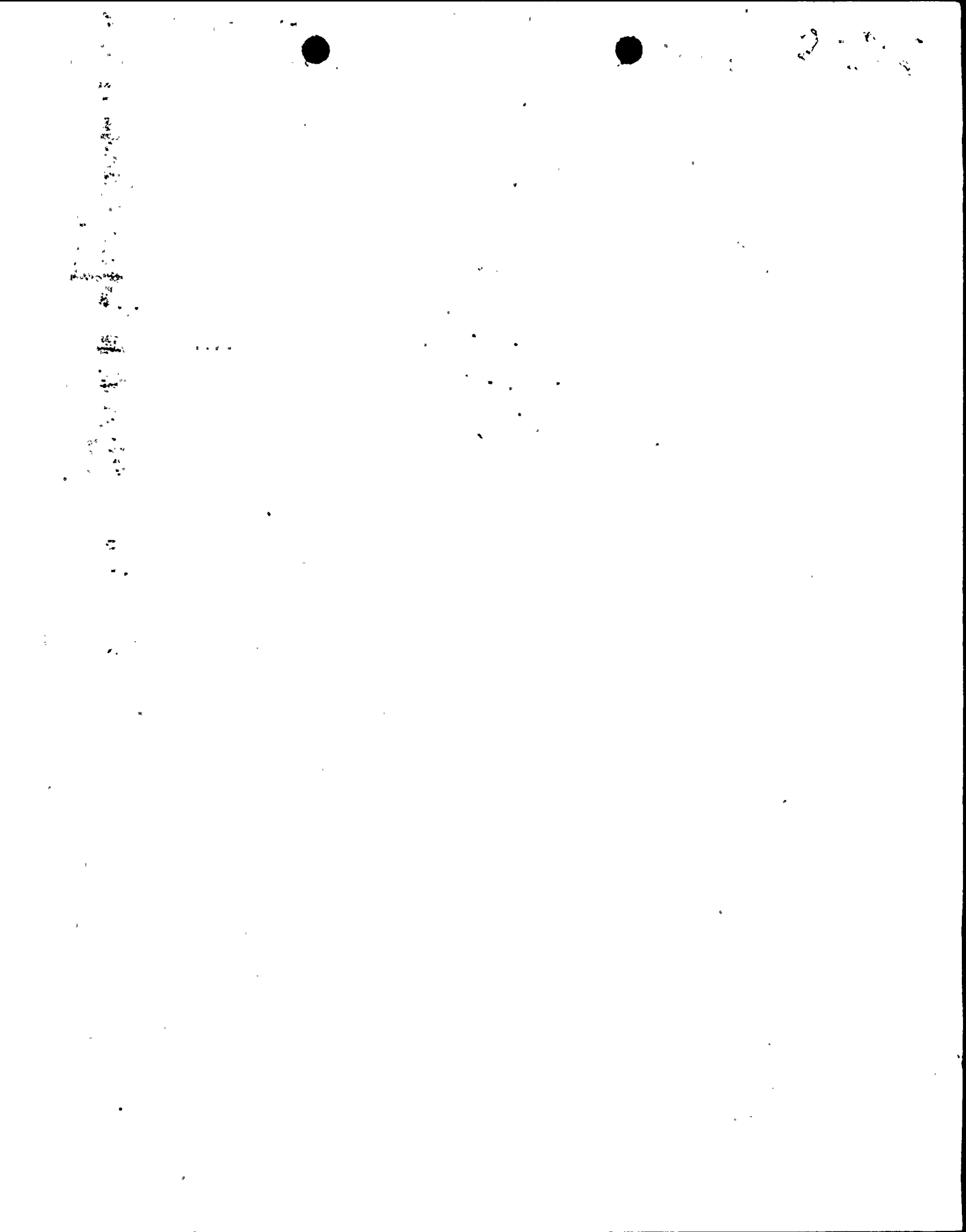
BBS:jo

Enclosure

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

770870114

~~770870114~~



LICENSEE EVENT REPORT

CONTROL BLOCK: _____

PLEASE PRINT ALL REQUIRED INFORMATION

LICENSEE NAME			LICENSE NUMBER												LICENSE TYPE					EVENT TYPE				
01	I	L	D	R	S	2	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	3
7	8	9	14	15	25	26	30	31	32															

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER					EVENT DATE				REPORT DATE										
01	CONT	L	L	0	5	0	-	0	2	3	7	0	2	1	6	7	7	0	3	1	8	7	7
7	8	57	59	59	60	61	68	69	74	75	80	81	82	83	84	85	86	87	88	89	90	91	92

EVENT DESCRIPTION

02 | A routine monthly surveillance audit revealed that three Unit-2 surveillance intervals
7 8 9 |
03 | had been inadvertently exceeded. Tech Spec section 1.0.CC (a) and (b) (which be-
7 8 9 |
04 | came effective in May, 1976) specifies that (a) interval extensions are not to exceed
7 8 9 |
05 | 25% of the interval; and (b) that the total combined interval of any 3 consecutive
7 8 9 |
06 | intervals is not to exceed 3.25 times the specified surveillance interval.
7 8 9 |

(Continued)

SYSTEM CODE		CAUSE CODE		COMPONENT CODE					PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION	
07	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	9	9	9	Y
7	8	9	10	11	12	13	14	15	16	17	43	44	47	48

CAUSE DESCRIPTION

08 | The surveillance interval violations were caused by personnel error. The single-
7 8 9 |
09 | interval violation resulted from a misinterpretation of the surveillance "due" date
7 8 9 |
10 | by instrument maintenance personnel. The other two violations occurred as the result
7 8 9 |

(Continued)

FACILITY STATUS		% POWER			OTHER STATUS			METHOD OF DISCOVERY		DISCOVERY DESCRIPTION				
11	E	0	9	5	NA	B	NA							
7	8	9	10	11	12	13	44	45	46	80				

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY			LOCATION OF RELEASE						
12	Z	Z	NA				NA						
7	8	9	10	11	12	13	44	45	80				

PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION					
13	0	0	0	Z	NA				
7	8	9	11	12	13				

PERSONNEL INJURIES

NUMBER		DESCRIPTION						
14	0	0	0	NA				
7	8	9	11	12				

OFFSITE CONSEQUENCES

NA		
15		
7	8	9

LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION				
16	Z	NA				
7	8	9	10			

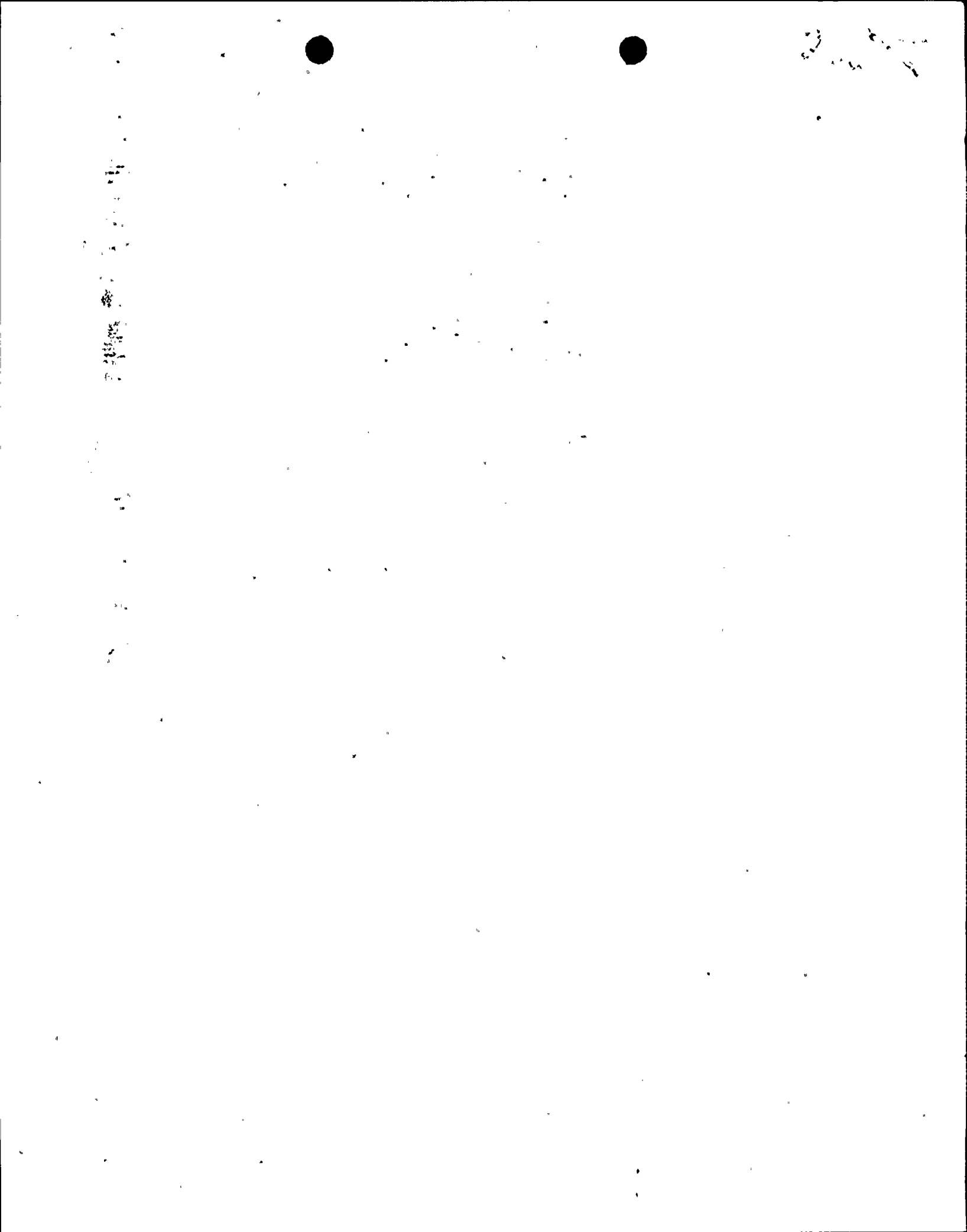
PUBLICITY

NA		
17		
7	8	9

ADDITIONAL FACTORS

NA		
18		
7	8	9

19		
7	8	9



EVENT DESCRIPTION (Continued)

A one-interval and a three-consecutive-interval violation were identified for the instrument department surveillance entitled "Off-Gas High Radiation Isolation." "High Energy Piping Integrity," an operating department surveillance, was identified as having been performed in violation of the three-consecutive-interval requirement. Surveillance test results indicated that pertinent instrument settings and piping integrity remained satisfactory.

The number of surveillance items involved in this event represented less than one-half of 1% of the total number of surveillances conducted during the period in question. The safety implications of this event, therefore, were considered to be minimal. Previous surveillance interval violations for Unit-2 were identified on 12/23/76. (50-237/1977-6)

CAUSE DESCRIPTION (Continued)

of changing surveillance scheduling criteria (which are outlined in Reportable Occurrence report no. 50-237/1976-71). Prior to 12/6/76, surveillance scheduling by computer was performed on a frequency basis. This meant that a monthly item was scheduled for the same time period each month regardless of when it had been performed the previous month. Consequently, if a monthly item, for example, were performed nine days "early," by the time the item appeared on the schedule to be performed again, the interval plus 25% would have already elapsed, resulting in a Tech Spec violation. Since the new quarterly interval criteria (3.25 times the specified surveillance interval) are now being applied to intervals which began prior to 12/6/76, occasional interval violations continue to occur.

The surveillance "due date" misinterpretation was reviewed with the personnel involved. It is expected that the surveillance scheduling revisions detailed in the referenced report will greatly reduce the number of recurring surveillance interval violations. Implementation of the monthly surveillance review described in that report permitted the prompt identification of these discrepancies.

RECEIVED DOCUMENT
PROCESSING UNIT

1977 MAR 25 PM 4 16



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

Leah

BBS Ltr. #77-220

March 17, 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

REFERENCE: Reportable Occurrence report number 50-237/1976-71

Enclosed please find Reportable Occurrence report number 50-237/1977-6.
This report is being submitted to your office in accordance with the Dresden
Nuclear Power Station Technical Specifications, Section 6.6.B.

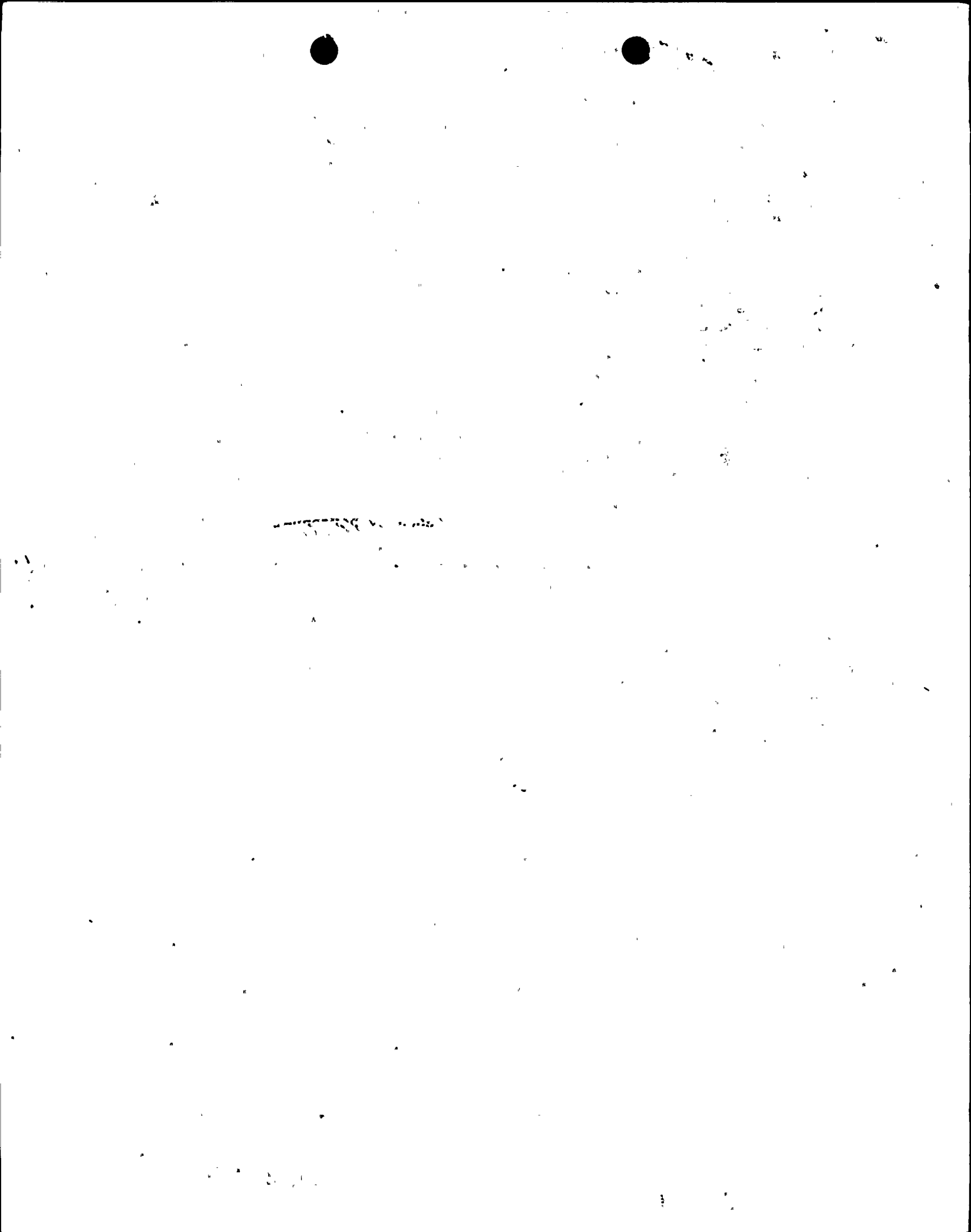
B.C.B. Stephenson
Station Superintendent
Dresden Nuclear Power Station

BBS:jo

Enclosure

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

MAR 23 1977



LICENSEE EVENT REPORT

CONTROL BLOCK:

PLEASE PRINT ALL REQUIRED INFORMATION

LICENSEE NAME														LICENSE NUMBER											LICENSE TYPE					EVENT TYPE	
01	I	L	D	R	S	2	0	0	-	0	0	0	0	0	0	0	0	4	1	1	1	1	0	3							
7	8	9				14	15											26					31	32							
01 CONT		CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER					EVENT DATE				REPORT DATE																
01	CONT			L	L	0	5	0	-	0	2	3	7	0	2	1	6	7	7	0	3	1	8	7	7						
7	8	57	58	59	60	61							68	69				74	75						80						

EVENT DESCRIPTION

02 | A routine monthly surveillance audit revealed that three Unit-2 surveillance intervals | 80

03 | had been inadvertently exceeded. Tech Spec section 1.0.CC (a) and (b) (which be- | 80

04 | came effective in May, 1976) specifies that (a) interval extensions are not to exceed | 80

05 | 25% of the interval; and (b) that the total combined interval of any 3 consecutive | 80

06 | intervals is not to exceed 3.25 times the specified surveillance interval. | 80

(Continued)

SYSTEM CODE		CAUSE CODE		COMPONENT CODE					PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION		
07	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	9	9	9	Y	
7	8	9	10	11	12						44			47	48

CAUSE DESCRIPTION

08 | The surveillance interval violations were caused by personnel error. The single- | 80

09 | interval violation resulted from a misinterpretation of the surveillance "due" date | 80

10 | by instrument maintenance personnel. The other two violations occurred as the result | 80

(Continued)

FACILITY STATUS		% POWER			OTHER STATUS			METHOD OF DISCOVERY		DISCOVERY DESCRIPTION				
11	E	0	9	5	NA			B		NA				
7	8	9	10	12	13			44	45	46				80
FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY					LOCATION OF RELEASE					
12	Z	Z		NA				NA						
7	8	9	10	11				44	45					80

PERSONNEL EXPOSURES

NUMBER			TYPE	DESCRIPTION	
13	0	0	0	Z	NA
7	8	9	11	12	13

PERSONNEL INJURIES

NUMBER			DESCRIPTION	
14	0	0	0	NA
7	8	9	11	12

OFFSITE CONSEQUENCES

NA		
15		
7	8	9

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION		
16	Z	NA	
7	8	9	10

PUBLICITY

NA		
17		
7	8	9

ADDITIONAL FACTORS

NA		
18		
7	8	9

19		
7	8	9

NAME: D. C. Maxwell

PHONE: Ext. 422

1950
U.S. DEPARTMENT OF AGRICULTURE

EVENT DESCRIPTION (Continued)

A one-interval and a three-consecutive-interval violation were identified for the instrument department surveillance entitled "Off-Gas High Radiation Isolation." "High Energy Piping Integrity," an operating department surveillance, was identified as having been performed in violation of the three-consecutive-interval requirement. Surveillance test results indicated that pertinent instrument settings and piping integrity remained satisfactory.

The number of surveillance items involved in this event represented less than one-half of 1% of the total number of surveillances conducted during the period in question. The safety implications of this event, therefore, were considered to be minimal. Previous surveillance interval violations for Unit-2 were identified on 12/23/76. (50-237/1977-6)

CAUSE DESCRIPTION (Continued)

of changing surveillance scheduling criteria (which are outlined in Reportable Occurrence report no. 50-237/1976-71). Prior to 12/6/76, surveillance scheduling by computer was performed on a frequency basis. This meant that a monthly item was scheduled for the same time period each month regardless of when it had been performed the previous month. Consequently, if a monthly item, for example, were performed nine days "early," by the time the item appeared on the schedule to be performed again, the interval plus 25% would have already elapsed, resulting in a Tech Spec violation. Since the new quarterly interval criteria (3.25 times the specified surveillance interval) are now being applied to intervals which began prior to 12/6/76, occasional interval violations continue to occur.

The surveillance "due date" misinterpretation was reviewed with the personnel involved. It is expected that the surveillance scheduling revisions detailed in the referenced report will greatly reduce the number of recurring surveillance interval violations. Implementation of the monthly surveillance review described in that report permitted the prompt identification of these discrepancies.

