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

Regulatory File Cy.

BBS Ltr. #77-50

January 20, 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 50-249/1976-36. 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

886

LICENSEE EVENT REPORT

CONTROL BLOCK: [ ] (1–6) (PLEASE PRINT ALL REQUIRED INFORMATION)

	LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01	ILDRS3	00-00000-00	4111	03
(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	050-0249	122376	012077
(7–8)	(57–58)	(59)	(60)	(61–68)	(69–74)	(75–80)

EVENT DESCRIPTION

02 A routine surveillance audit conducted by station personnel revealed that a number
03 of surveillance intervals had been inadvertently exceeded during the six-month
04 period following a Tech Spec revision which limited those intervals. Tech Spec
05 section 1.0.C C (a) and (b) (which became effective in May, 1976) specified that
06 (a) surveillance interval extensions were not to exceed 25% of the interval; and

(Continued)

	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07	ZZ	A	ZZZZZZ	Z	Z999	Y
(7–8)	(9–10)	(11)	(12–17)	(43)	(44–47)	(48)

CAUSE DESCRIPTION

08 Station surveillances are scheduled and updated weekly on a computer. From the
09 time surveillance scheduling by computer began until December 6, 1976, surveillance
10 scheduling was performed on a frequency basis. This meant that a monthly item

(Continued)

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11	E	093	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	000	Z	NA
(7–8)	(9–11)	(12)	(13–80)

PERSONNEL INJURIES

	NUMBER	DESCRIPTION
14	000	NA
(7–8)	(9–11)	(12–80)

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

	TYPE	DESCRIPTION
16	Z	NA
(7–8)	(9)	(10–80)

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 NA

19

NAME: Ralph V. Nimmer PHONE: EXT. 222

GPO 881-667

EVENT DESCRIPTION (Continued)

(b) that the total combined interval of any 3 consecutive intervals was not to exceed 3.25 times the specified surveillance interval. Surveillance interval violations were identified in both categories described above. It was also noted during the audit that certain surveillance items had not been conducted. (See attached list for titles of surveillance items involved.) (50-249/1976-36)

CAUSE DESCRIPTION (Continued)

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.

By June, 1976, a course of action had been decided upon which would ensure that surveillance intervals did not exceed the revised limits. First, the computer was to be reprogrammed to schedule surveillances on a date-done rather than on a frequency basis. A formal request for program modifications was initiated in July, 1976. These modifications had been programmed, tested, and successfully implemented by December, 1976. Secondly, a base date (desirable surveillance date) was to be assigned to each regularly scheduled surveillance item to provide a stable reference point. This phase has been substantially completed, and final base date information is expected to be entered into the computer no later than February 28, 1977.

Successful implementation of the program described above will permit a prompt comparison to be made between a given surveillance item's scheduled date and its base date. In this manner it will be possible to determine readily whether a surveillance item has been performed within the required interval. To ensure that any discrepancy is identified in a timely manner, all surveillance items will be reviewed on a monthly basis.

The number of surveillance items involved in this event represented less than 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. Surveillance interval violations were identified concurrently for all three units at Dresden.

SURVEILLANCE FREQUENCY VIOLATIONS

UNIT #3

INSTRUMENTATION
AREA

SURV. FREQ.	SURV. ITEM NO.	* F.Q.	DESCRIPTION	TECH. SPEC.	DATES OF EXCEEDED INTERVA
M	007	1	APRM Upscale, Inoperative & Downscale Scram	4.2.1	8-17-76 To 9-28-76
M	007	3	APRM Upscale, Inoperative & Downscale Scram	4.2.1	7-19-76 To 10-28-76 8-17-76 To 11-29-76
M	009	1	Condenser Low Vacuum Scram	4.1.2	8-14-76 To 11-26-76
W	016	1	SRM Upscale Rod Block	4.2.1	11-3-76 To 11-13-76
M	018	3	RBM Upscale and Downscale Rod Block	4.2.1	8-7-76 To 11-17-76
M	019	1	APRM Flow Bias Upscale & Downscale Rod Block	4.2.1	8-17-76 To 9-28-76
M	019	3	APRM Flow Bias Upscale & Downscale Rod Block	4.2.1	6-18-76 To 9-28-76; 7-19-76 To 10-28-76; 8-17 To 11-29
M	023	1	Main Steam Line High Flow Isolation	4.2.1	6-19-76 To 7-30-76
M	028	1	Isolation Condenser Steam Line High Flow Isolation	4.2.1	9-15-76 To 10-24-76
M	029	1	Isolation Condenser Condensate Line Flow Isolation	4.2.1	9-15-76 To 10-24-76
M	042	1	Containment Spray Interlock ECCS (2)	4.2.1	8-17-76 To 9-30-76
M	042	3	Containment Spray Interlocks ECCS (2)	4.2.1	8-17-76 To 12-4-76
M	051	3	Rx Building CCW Radiation Monitor	4.8.C	6-14-76 To 9-29-76
M	052	1	Service Water Radiation Monitor	4.8.C	6-14-76 To 7-23-76

*F.Q. = Type of Frequency Violation:
1 = 1 Frequency Interval Plus 25% Exceeded
3 = 3 Times Normal Interval Plus Single Interval 25% Exceeded
M = Missed Surveillance

SURVEILLANCE FREQUENCY VIOLATIONS

UNIT #3

OPERATING AREA

SURV. FREQ.	SURV. ITEM NO.	* F. Q.	DESCRIPTION	TECH. SPEC.	DATES OF EXCEEDED INTERVA
M	012	3	Core Spray Pump Operability	4.5.A	6-18-76 To 9-27-76
M	013	3	Core Spray M.O. Valve Operability	4.5.A	6-18-76 To 9-26-76
M	015	M	High Energy Piping Inspection	4.11	Not Done June Thru Sept.
M	016	3	LPCI Pump Operability	4.5.A	6-18-76 To 9-27-76
M	017	3	LPCI M.O. Valve Operability	4.5.A	6-18-76 To 9-27-76
M	022	M	Torus/Drywell Vacuum Breaker Cycling	4.7.A.4.a	Not Done May or June
M	022	1	Torus/Drywell Vacuum Breaker Cycling	4.7.A.4.a	8-8-76 To 9-30-76
Q	023	1	MSIV Trip and Timing	4.7.D	5-3-76 To 8-29-76
M	028	1	HPCI Pump Operability	4.5.C.	6-11-76 To 7-21-76 7-21-76 To 9-5-76
M	029	1	HPCI M.O. Valve Operability	4.5.C	6-11-76 To 7-21-76 7-21-76 To 9-5-76
Q	030	1	HPCI Flow Test	4.5.C	5-4-76 To 9-5-76
Q	047	M	Abnormal Procedure Drill	6.2.G	Not Done Since 5-4-76

*F.Q. = Type of Frequency Violation:
1 = 1 Frequency Interval Plus 25% Exceeded
3 = 3 Times Normal Interval Plus Single Interval 25% Exceeded
M = Missed Surveillance

SURVEILLANCE FREQUENCY VIOLATIONS

UNIT #3

RAD-CHEMISTRY
AREA

SURV. FREQ.	SURV. ITEM NO.	* F. Q.	DESCRIPTION	TECH. SPEC.	DATES OF EXCEEDED INTERVA
M	003	1	Reactor Water Isotopic	4.6.C.1.b	9-15-76 To 10-28-76

*F.Q. = Type of Frequency Violation:
1 = 1 Frequency Interval Plus 25% Exceeded
3 = 3 Times Normal Interval Plus Single Interval 25% Exceeded
M = Missed Surveillance