

# LICENSEE EVENT REPORT

Update Report

Previous Report Date: 8/17/77

(PLEASE PRINT ALL REQUIRED INFORMATION)

CONTROL BLOCK:                    

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	1																																			
7 8 9 14 15						25 26 30						31 32																																															
CATEGORY										REPORT TYPE										REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									
01	CON	T					0	5	0	-	0	2	3	7	0	8	0	3	7	6	0	1	0	3	7	7																																	
7 8 57 58						59 60 61 68						69 74						75 80																																									

## EVENT DESCRIPTION

02	Formal notification was received on 8/3/76 from General Electric Company advising																																																																															
03	that, in light of low-flow ECCS analyses that had been recently conducted, the																																																																															
04	maximum average planar linear heat generation rate (MAPLHGR) limits then in effect																																																																															
05	could no longer be considered sufficiently conservative at low core flow rates.																																																																															
06	General Electric recommended that the MAPLHGR limits be reduced by 5% for core																																																																															

SYSTEM CODE										CAUSE CODE										COMPONENT CODE										PRIME COMPONENT SUPPLIER										COMPONENT MANUFACTURER										VIOLATION									
07	R	C	C	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	9	9	9	N																													
7 8 9 10 11										12 17										43 44 47										48																													

(Continued)

## CAUSE DESCRIPTION

08	General Electric considered the problem to be in the ECCS models used to determine																																																																															
09	the MAPLHGR limits at low core flow rates; accordingly, the ECCS analysis was reeval-																																																																															
10	uated, and the results were submitted to the NRC (ref. 3). Based on the results of																																																																															

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

## 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

15	NA																																																																															
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## LOSS OR DAMAGE TO FACILITY

TYPE										DESCRIPTION									
16	Z	NA	7 8 9 10																

## PUBLICITY

17	NA																																																																															
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## ADDITIONAL FACTORS

18	NA																																																																															
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19	NA																																																																															
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6304040295 770103  
PDR ADOCK 05000237  
S PDR

NAME: J. M. Dolter

PHONE: EXT. 443

EVENT DESCRIPTION (Continued)

flow rates of 85% or less. Operating order no. 25-76 was issued to ensure prompt corrective action in the event MAPLHGR values rose to 95% of the limit during low core flow conditions. This was the first reported occurrence of this nature at Dresden. (50-237/1976-53)

CAUSE DESCRIPTION (Continued)

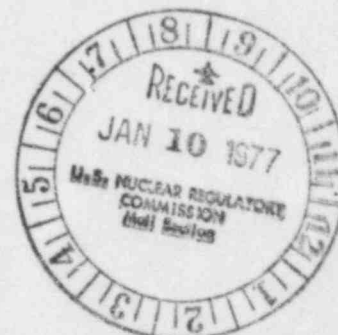
this reevaluation, Commonwealth Edison has determined (with General Electric's concurrence) that no reduction in MAPLHGR limits is appropriate for either Dresden Unit 2 or 3 at low core flow rates (ref. 4). Consequently, the operating order restricting MAPLHGR values to 95% of the limit at core flow rates of 85% or less has been rescinded.

SUPPLEMENT TO DVR

DVR NO.	STA	UNIT	YEAR	NO.
D - 12	- 2	- 76	- 75	

FILE COPY

PART 1	TITLE OF EVENT	OCCURRED
	ERROR DISCOVERED IN ECCS ANALYSIS BY GE.	8-3-76 0900 DATE TIME
REASON FOR SUPPLEMENTAL REPORT		
Original report committed station to a supplemental report —		
PART 2		
ACCEPTANCE BY STATION REVIEW	C.E. Sargent J. Kolonowski	
DATE	JAN 3 1977 1-5-77	
SUPPLEMENTAL REPORT APPROVED AND AUTHORIZED FOR DISTRIBUTION	B. J. Kline 1/5/77 STATION SUPERINTENDENT DATE	



245

APPROVED

SEP 24 1974

D.C.S.

COPY SENT REGION

III



Commonwealth Edison

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920

BBS Ltr. #77-2

January 3, 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

- REFERENCES: 1) NRC Docket Nos. 50-237/249
- 2) Reportable Occurrence report no. 50-237/1976-53, dated August 17, 1976
- 3) Letter from A. J. Levine (G.E.) to Z. R. Rosztocy (NRC) dated August 24, 1976
- 4) Letter from G. A. Abrell to D. L. Ziemann dated November 10, 1976

Enclosed please find an update report to Reportable Occurrence report number 50-237/1976-53. 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