

# LICENSEE EVENT REPORT (LER)

Facility Name (1) Byron, Unit 1										Docket Number (2) 0   5   0   0   0   4   5   4				Page (3) 1   of   0   2								
Title (4) AUTO START OF OA VC M/U FAN																						
Event Date (5)			LER Number (6)					Report Date (7)			Other Facilities Involved (8)											
Month	Day	Year	Year	Sequential Number	Revision Number	Month	Day	Year	Facility Names				Docket Number(s)									
0	4	2	4	8	5	8	5	0	4	8	0	0	0	5	1	7	8	5	0   5   0   0   0			
OPERATING MODE (9)		1		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11)																		
POWER LEVEL (10)		C		20.402(b)		20.405(c)		X		50.73(a)(2)(iv)		73.71(b)										
				20.405(a)(1)(i)		50.36(c)(1)				50.73(a)(2)(v)		73.71(c)										
				20.405(a)(1)(ii)		50.36(c)(2)				50.73(a)(2)(vii)		Other (Specify in										
				20.405(a)(1)(iii)		50.73(a)(2)(i)				50.73(a)(2)(viii)(A)		Abstract below and										
				20.405(a)(1)(iv)		50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)		in Text)										
				20.405(a)(1)(v)		50.73(a)(2)(iii)				50.73(a)(2)(x)												
LICENSEE CONTACT FOR THIS LER (12)																						
Name Michael Ryterski, System Test Engineer										Ext. 2415												
										TELEPHONE NUMBER												
										AREA CODE												
										8   1   5   2   3   4   -   5   4   4   1												
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																						
CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS												
X	I	/	/	/	/	G	0	6	3	N												
SUPPLEMENTAL REPORT EXPECTED (14)																						
Yes (If yes, complete EXPECTED SUBMISSION DATE)										X		NO										
										Expected Submission Date (15)		Month   Day   Year										

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

Radiation Monitor OPR32J (Main Control Room Outside Air Intake "A") went into the interlock mode due to a high vacuum alarm caused by a dirty particulate filter. This caused the A Train of the Main Control Ventilation System to transfer to its ESF configuration. Radiation Chemistry and Technical Staff personnel will review, and revise if necessary, the current filter change interval to prevent recurrence of this event.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)					Page (3)		
		Year	///	Sequential Number	///	Revision Number			
Byron, Unit 1	0   5   0   0   0   4   5   4	8   5	-	0   4   8	-	0   0	0   2	OF	0   2

TEXT

On April 24, 1985 at 2157, with the plant operating in mode 1, a Main Control Room outside air intake radiation monitor (OPR32J) went into the interlock mode due to a high vacuum alarm caused by a dirty particulate filter. This caused the A Train of the Main Control Room Ventilation System to transfer into the makeup mode of operation. The Radiation Chemistry department replaced the filter, and the monitor was restored to its normal operating condition.

Plant and public safety were not affected since transfer of the Main Control Room Ventilation System to its ESF configuration establishes a safer plant condition.

Main Control Room Ventilation System actuations have occurred due to errant filter change procedures and one has occurred because of a dirty particulate filter (LER 85-037).

Radiation Chemistry and Technical Staff personnel will review, and revise if necessary, the current filter change interval to prevent recurrence of the event. In the interim, a Radiation Chemistry Technician is walking down all gaseous Process Radiation monitors on a shiftly basis. During the walkdown, filters are changed as needed.



**Commonwealth Edison**  
Byron Nuclear Station  
4450 North German Church Road  
Byron, Illinois 61010

May 17, 1985

LTR: BYRON 85-0752

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

Dear Sir:

The enclosed Licensee Event Report from Byron Generating Station is being transmitted to you in accordance with the requirements of 10CFR50.73(a)(2)(iv) which requires a 30 day written report.

This report is number 85-048-00, Docket No. 50-454.

Very truly yours,

R. E. Querio  
Station Superintendent  
Byron Nuclear Power Station

REQ/gt

Enclosure: Licensee Event Report No. 85-048-00

cc: J. G. Keppler, NRC Region III Administrator  
J. Hinds, NRC Resident Inspector  
INPO Record Center  
CECO Distribution List

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