

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 OB VC MAKEUP FAN																																								
Event Date (5) Month Day Year 0 7 0 9 8 5			LER Number (6) Year Sequential Number Revision Number 8 5 0 6 5 0 0				Report Date (7) Month Day Year 0 8 0 7 8 5			Other Facilities Involved (8) Facility Names Docket Number(s) 0 5 0 0 0 1 1 0 5 0 0 0 1 1																														
OPERATING MODE (9) POWER LEVEL (10) 0 9 2		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11) <table border="0"> <tr> <td><input type="checkbox"/> 20.402(b)</td> <td><input type="checkbox"/> 20.405(a)(1)(i)</td> <td><input type="checkbox"/> 20.405(c)</td> <td><input checked="" type="checkbox"/> 50.73(a)(2)(iv)</td> <td><input type="checkbox"/> 73.71(b)</td> </tr> <tr> <td><input type="checkbox"/> 20.405(a)(1)(ii)</td> <td><input type="checkbox"/> 20.405(a)(1)(iii)</td> <td><input type="checkbox"/> 50.36(c)(1)</td> <td><input type="checkbox"/> 50.73(a)(2)(v)</td> <td><input type="checkbox"/> 73.71(c)</td> </tr> <tr> <td><input type="checkbox"/> 20.405(a)(1)(iv)</td> <td><input type="checkbox"/> 20.405(a)(1)(v)</td> <td><input type="checkbox"/> 50.36(c)(2)</td> <td><input type="checkbox"/> 50.73(a)(2)(vii)</td> <td><input type="checkbox"/> Other (Specify in Abstract below and in Text)</td> </tr> <tr> <td><input type="checkbox"/> 20.405(a)(2)(i)</td> <td><input type="checkbox"/> 50.73(a)(2)(ii)</td> <td><input type="checkbox"/> 50.73(a)(2)(iii)</td> <td><input type="checkbox"/> 50.73(a)(2)(viii)(A)</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 50.73(a)(2)(ix)</td> <td><input type="checkbox"/> 50.73(a)(2)(x)</td> <td></td> <td></td> <td></td> </tr> </table>														<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(a)(1)(i)	<input type="checkbox"/> 20.405(c)	<input checked="" type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)	<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 20.405(a)(1)(iii)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	<input type="checkbox"/> Other (Specify in Abstract below and in Text)	<input type="checkbox"/> 20.405(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)		<input type="checkbox"/> 50.73(a)(2)(ix)	<input type="checkbox"/> 50.73(a)(2)(x)			
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LICENSEE CONTACT FOR THIS LER (12)																																								
Name Michael Ryterski 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																														
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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)

Process Radiation Monitor OPR33J (Main Control Room Outside Air Intake "B") went into the interlock mode on two separate occasions due to a loss of sample flow caused by inadvertent shutdowns of the monitor's sample pump. These shutdowns caused the Train B Main Control Room Ventilation System to transfer to its ESF configuration. The shutdowns appear to have been caused by inadvertent bumping of the pump flow control switch that is located on the monitor. The handles from the switches on all four Main Control Room Outside Air Intake monitors are being removed to prevent recurrence of this event. They will be hung by chains so as to be available when required.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

TEXT

On July 9, 1985, at 1749, with the plant operating in Mode 1 at 92% power, and on July 16, 1985, at 0749, with the plant operating in Mode 5, radiation monitor OPR33J (Main Control Room Outside Air Intake "B") went into the interlock mode due to loss of sample flow caused by inadvertent shutdowns of the monitor's sample pump. These caused the Train B Main Control Room Ventilation System to transfer into the makeup mode of operation on each occasion. The shutdowns appear to have been caused by inadvertent bumping of the pump flow control switch which is located on the monitor. The first event may have occurred when personnel were exiting the area where the monitor is located and the second when personnel were dragging hoses through the area where the monitor is located. After each occurrence the monitor was restarted and returned to normal operating status.

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

A transfer of the Main Control Room Ventilation System to the makeup mode has occurred once before due to an inadvertent shutdown of the sample pump (LER 85-041-00).

A Nuclear Work Request was written to remove the handle from the pump flow control switch in order to prevent recurrence of this event. In addition, three other work requests were written to remove the handles from the pump flow control switches on the remaining Main Control Room outside air intake radiation monitors. These handles were hung from chains on each monitor so if they were needed they would be readily accessible. Additionally, information was distributed to all Department heads to emphasize the importance of informing the control room operators should any component in the plant be inadvertently repositioned.



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

August 7, 1985

LTR: BYRON 85-1111

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 85-065-00; Docket No. 50-454.

Very truly yours,

R. E. Querio
Station Superintendent
Byron Nuclear Power Station

REQ/gt

Enclosure: Licensee Event Report No. 85-065-00

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

#3/017

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