

LICENSEE EVENT REPORT (LER)

Facility Name (1) Byron, Unit 1 Docket Number (2) 015000454 Page (3) 1 of 2

Title (4) AUTO START OF OB FH BOOSTER 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)
08	07	85	85	077	010	08	18	85		015000454

OPERATING MODE (9) 3 THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11)

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
20.405(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(viii)(A)	in Abstract
20.405(a)(1)(iv)	50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)	below and in
20.405(a)(1)(v)	50.73(a)(2)(iii)		50.73(a)(2)(x)	Text)

LICENSEE CONTACT FOR THIS LER (12)

Name Michael Ryterski Ext. 2415 TELEPHONE NUMBER AREA CODE 8115 234-5441

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
B	I	L	G	063					

SUPPLEMENTAL REPORT EXPECTED (14)

Expected Submission Date (15) Yes (If yes, complete EXPECTED SUBMISSION DATE) X NO

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

Area Radiation Monitor ORT-AR056 (Fuel Handling Building Fuel Handling Accident) went into the interlock mode due to a voltage transient caused by starting the IB circulating water pump. This resulted in an auto start of the OB Fuel Handling Building Charcoal Booster Fan. A modification has been issued to lower the power fail trip setpoint to reduce the monitor's sensitivity to voltage transients.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		Year	///	Sequential Number	///	Revision Number				
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TEXT

On August 7, 1985, at 1352, with the plant operating in Mode 3, Radiation Monitor QRT-AR056 (Fuel Handling Building Fuel Handling Accident) went into the interlock mode due to a voltage transient caused by starting the 1B circulating water pump. This initiated an auto start of the 0B Fuel Handling Building Charcoal Booster Fan. The radiation monitor returned to normal operating status after the voltage transient occurred.

Plant and public safety were not affected. An auto start of the booster fan is an ESF function which establishes a safer plant condition.

There have been similar occurrences of ESF actuations being caused by voltage transients (LER 85-036-00, LER 85-064-00).

Modification M6-0-85-0283 has been issued to reduce the monitor's power fail trip setpoint from 100 volts to 90 volts. This change should reduce the monitor's sensitivity to voltage transients.



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

August 28, 1985

LTR: BYRON 85-1204

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 85-077-00; Docket No. 50-454.

Very truly yours,

R. E. Querio
Station Superintendent
Byron Nuclear Power Station

REQ/gt

Enclosure: Licensee Event Report No. 85-077-00

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