LICENSEE EVENT REPORT (LER)									U.S. NUCLEAR REGULATORY COMMISSION APPROVED DMS NO. 3150-0104 EXPIRES. 8/31/86							
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NAME						CENSEE	CONTACT	FOR THIS	LER (12)		AREA CODE	TELEPHONE YUM	8EA			
Rick Hildebrand, Tech Staff Engineer, Ext. 381									8, 1,5	2 3 4 -	15 4 4 1					
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A monitor "loss of sample flow" alarm on OPR32J (Main Control Room Outside Air Intake 'A') radiation monitor automatically caused Train A of the Control Room Ventilation System to switch to the makeup mode of operation. The alarm occurred due to a voltage transient caused by starting 1A and 1C Reactor Containment Fan Coolers. Presently, the problem is being investigated by Technical Staff and Station Nuclear Engineering.

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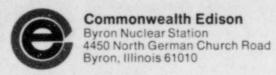
LICENSEE EVENT REPORT (LER) TEXT CONTINUATION								APPROVED OMB NO 3150-0104 EXPIRES 8/31/85					
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On January 25, 1985, at 1730, with the plant operating in Mode 3, radiation monitor OPR32J (Main Control Room Outside Air Intake 'A') went into interlock condition due to a voltage transient caused by the startup of 1A and 1C Reactor Containment Fan Coolers, the voltage transient causes the K-1 relay at the RM-80, the radiation monitoring system microprocessor, to dropout. When this relay drops out, the Control Room Ventilation shifts to the makeup mode.

Plant and public safety were not affected since the ESF function shifts the Control Room Ventilation to a safer lineup.

There have been similar occurrences of voltage transients causing the Control Room Ventilation to shift to its makeup mode (LER 85-007-00).

The station is evaluating the possibility of lowering the setpoints for the Power Fail trip to reduce the probability of the interlock condition occurring due to large plant load starts.



February 11, 1985

LTR:

BYRON 85-0216

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 85-010-00, Docket No. 50-454.

Very truly yours,

R. E. Querio

Station Superintendent

Byron Nuclear Power Station

REQ/vda

Enclosure: Licensee Event Report No. 85-010-00

cc: J. G. Keppler, NRC Region III Administrator

J. Hinds, NRC Resident Inspector

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