

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) BYRON, UNIT 1										DOCKET NUMBER (2) 0 5 0 0 0 4 5 4 1 OFD 2										PAGE (3) 1					
TITLE (4) INADVERTENT START OF MAKEUP FILTER FAN ON OB VC TRAIN																									
EVENT DATE (6)				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)											
1	2	2	6	8	4	8	4	—	0	3	5	—	0	0	0	1	2	3	8	5	0 5 0 0 0				
OPERATING MODE (9)				THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one) or more of the following: (11)																					
5				20.402(b)				20.408(a)				X 80.73(a)(2)(iv)				73.71(b)									
POWER LEVEL (10)				20.408(a)(1)(i)				80.36(a)(1)				80.73(a)(2)(v)				73.71(a)									
0 0 0				20.408(a)(1)(ii)				80.36(a)(2)				80.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 365A)									
				20.408(a)(1)(iii)				80.73(a)(2)(i)				80.73(a)(2)(vii)(A)													
				20.408(a)(1)(iv)				80.73(a)(2)(ii)				20.73(a)(2)(vii)(B)													
				20.408(a)(1)(v)				80.73(a)(2)(iii)				80.73(a)(2)(ix)													
LICENSEE CONTACT FOR THIS LER (12)																									
NAME												TELEPHONE NUMBER													
James R. Harkness, System Test Engineer, Ext. 382												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	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS						
A	V	I	x x x x	x x x x	Y																				
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH		DAY		YEAR							
YES (If yes, complete EXPECTED SUBMISSION DATE)												NO													

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

The Control Room Ventilation Train B Makeup Air Filter Unit Fan started without any automatic start input signals. The cause appeared to be a control switch in the Main Control Room being inadvertently bumped. When it was noticed running, the operator immediately shut it down.

This is an isolated, one-time event, and no further corrective action is planned at this time.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1) Byron, Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 4 5 4	LER NUMBER (3)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 4	0 3 5	0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 368A's) (17)

Prior to this event, Unit 1 was in mode 5 and Unit 2 was still under construction. The Control Room Ventilation System Train B was operating in its normal recirculation - minimum outside air mode with the Makeup Filter Unit isolated.

At 1214 on 12/26/84, the B train make-up filter unit fan started. Investigation revealed that no Control Room Ventilation Isolation signal or High Radiation alarm was present which would have caused an automatic start of this fan. A check of the Process Monitor computer printout showed no alarms for either of the two minimum outside air monitors. A check of the Sequence of Events alarm printout showed no alarms at this time other than the Makeup Filter Unit Fan low differential pressure alarm at 12:14:57 which cleared 3 seconds later. This indicates a normal start of the makeup unit filter fan. There was no maintenance in progress which would explain an auto start of this fan. It is assumed that a passerby in the Control Room Center Desk area bumped the handswitch for this fan causing a manual start.

The Center Desk operator noticed this fan running and stopped it at 1318 on 12/26/84 after verifying no automatic start signals were present.

This is an isolated event which has not occurred before at Byron. Guard rails have been in place on the main control boards for 2 years to help prevent inadvertent handswitch starts such as this one. No further corrective action is planned at this time.

This event did not affect the plant or public safety as the Control Room Ventilation System was placed in its ESF filtered mode by this action. The operational readiness of the system was not affected.



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

January 23, 1985

LTR: BYRON 85-0108

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 84-035-00, Docket No. 50-454.

Very truly yours,

R. E. Querio
Station Superintendent
Byron Nuclear Power Station

REQ/vda

Enclosure: Licensee Event Report No. 84-035-00

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

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