

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 2/21/88

FACILITY NAME (1)

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BYRON, UNIT 1

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TEXT (If more space is required, use additional NRC Form 305A (7/79))

During the performance of Tech Spec Surveillance BHS 3.3.7.1-2 on 10-1-84 it was noted that an ultraviolet detector in zone 38 failed to annunciate. Work request B11220 was initiated to replace the faulty detector. A LCO Action Requirement was not initiated for Byron Unit 1 since this incident occurred prior to issuance of the operating license. The detector was replaced and the trouble alarm was verified to have cleared but the replacement detector was never verified to annunciate when exposed to a UV test source as the surveillance requirement stated. BHS 3.3.7.1-2 was incorrectly signed off as complete. This situation was discovered on 2/13/85 after the surveillance had been reperformed. Through a review of the previous surveillance dated 10/1/84 it was noted that zone 38 should have been declared inoperable starting 10/31/84 when Byron Unit 1 received its 5% license. The proper action that should have been initiated per Tech Specs was an hourly fire watch. This action was not implemented until 12/21/84 when unsealed penetrations in the fuel handling building were discovered (See LER 84-032-00).

The level of fire protection and/or plant safety was at no time decreased as the detector was in fact operable at all times.

The electrical maintenance dept. has been instructed by the station's surveillance coordinator to initiate an independent review (BAP 1400-T8) of future work packages prior to considering a surveillance complete and successful.

A prior instance of failing to verify satisfactory completion of a surveillance item prior to entering mode 6 was described in LER 85-018-00.



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

March 11, 1985

LTR: BYRON 85-0374

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 10CFR 50.73(a)(2)(i) which requires a 30 day written report.

This report is number 84-041-00, Docket No. 50-454.

Very truly yours,

R. E. Querio
Station Superintendent
Byron Nuclear Power Station

REQ/vda

Enclosure: Licensee Event Report No. 84-041-00

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