



## LICENSEE EVENT REPORT (LER) TEST CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104  
EXPIRES 8/31/95

FACILITY NAME (1)

Limerick Generating Station  
Unit 1

DOCKET NUMBER (2)

050003152

LER NUMBER (3)

YEAR SEQUENTIAL REVISION  
NUMBER NUMBER NUMBER

85 - 036 - 010

PAGE (3)

02 OF 03

TEXT (If more space is required, use additional NRC Form 365a (1))

Description of the Event:

On March 27, 1985, with the unit in cold shutdown, a post-turnover engineer determined that telephone company personnel had inadvertently rendered several Control Enclosure fire barriers inoperable. This placed the plant in a Limiting Condition for Operation (LCO). The personnel had removed the internal conduit seals for smoke and hot gas protection from certain conduit assemblies over a 7-month period in order to pull cables through the conduits. Subsequently, a visual inspection of the telephone conduit system in the Control, Reactor, Diesels, and the Spray Pond Pump House enclosures was implemented. It was determined that six fire barriers in the Control Enclosure and six fire barriers in the reactor building were rendered inoperable as a result of the removal of various internal fire seals. The majority of the forty-eight affected conduits measure 1 or 3/4 inch in diameter. (Approximately three are 2 inches in diameter.) Because firewatches were not established within one hour of fire seal removal, Technical Specification 3.7.7 was not met.

Consequences of the Event:

Fire watches were posted at each inoperable fire barrier within one hour of discovery. Additional protection is provided in these areas by smoke detectors and/or fire-suppression systems. There were no adverse effects.

Cause of the Event:

This event was the result of a lack of appropriate controls for the installation of telephone cables. The AT&T supervisor was unaware that fire seal removal constituted fire barrier inoperability. The telephone company personnel removed the fire seals without the knowledge of plant management, inadvertently placing the plant in a Technical Specification action statement.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104  
EXPIRES 8-31-85

FACILITY NAME (1)  Limerick Generating Station Unit 1	DOCKET NUMBER (2)  0 5 0 0 0 3 5 2 8 5 - 0 3 6 - 0 0 0 3 OF 0 3	LER NUMBER (6)			PAGE (3)		
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TEXT (If more space is required, use additional NRC Form 366A's) (17)

Corrective Actions:

Upon discovery, installation of new cable was suspended and a visual inspection of the telephone conduit system in the Control, Reactor, Diesels, and Spray Pond Pump House enclosures was implemented. This resulted in the determination of a total of forty-eight inoperable fire seals. Fire watches were posted in all affected areas pending fire seal replacement. As of April 29, 1985, all forty-eight seals have been installed.

Action Taken to Prevent Recurrence:

A memorandum has been issued to define the controls which apply to the installation of telephone cable. These controls involve the issuance of a Maintenance Request Form (MRF) for cable work in safety-related areas. The MRF procedure will assure that appropriate approvals are obtained and fire watches are posted prior to starting work.

Previous Occurrences:

LER 84-022: This LER concerned inoperable fire penetration seals in the reactor enclosure. The cause of this event was a failure to re-install the seals after construction activities performed by contractor personnel.

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May 2, 1985

Docket No. 50-352

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

SUBJECT: Licensee Event Report  
Limerick Generating Station - Unit 1

This LER deals with the failure to comply with the Technical Specification 3.7.7 action statement concerning fire rated assemblies.

Reference:	Docket No. 50-352
Report Number:	85-036
Revision Number:	00
Event Date:	March 27, 1985
Report Date:	May 2, 1985
Facility:	Limerick Generating Station P.O. Box A, Sanatoga, PA 19464

This LER is being submitted pursuant to the requirements of 10 CFR 50.73(a)(2)(i). The submittal of this report was delayed in order to permit the development and documentation of the controls necessary to prevent recurrence.

Very truly yours,



W. T. Ullrich  
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Nuclear Generation Division

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January 16, 1985