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FACILITY HAME (1)		00	DOCKET NUMBER 121									PAGE (3)				
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Description of the Event:

During fire damper inspection on November 29, 1984, prior to initial criticality, two reactor enclosure fire penetrations were discovered not sealed. The missing seals were identified as a seismic gap fire seal at a fire damper at elevation 201 feet between the reactor core isolation cooling (RCIC) system pipe chase and RCIC access hatch area; and a spare conduit penetration on elevation 253 feet near the control rod drive (CRD) system access hatch where test cables for the power ascension program had been pulled through the conduit. Additional inspection in the reactor enclosure identified a missing fire seal on elevation 352 feet near the reactor enclosure elevator around a power supply conduit to the elevator.

Consequences of the Event:

Fire barriers provide assurance that, in the event of a fire in any one fire area, a fire will not propagate to other areas and the plant can be safely shutdown. The above deviations were identified with the unit in the shutdown condition prior to initial criticality, and therefore, safety consequences are minimal.

Cause of the Event:

In the case of the seismic gap seal, the cause of the event appears to be failure to re-install the seal after construction activities in the area of the fire damper. In the case of use of the spare conduit, the cause of the event appears to be the failure of plant personnel to recognize that use of the spare conduit would result in violation of a fire barrier.

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	Corrective Actions:							
	When the fire penetrations watch/patrol was posted in accordance with Technical detectors in the areas so	the affected an Specification ro	reas equi:	rements.	one a The	fi	in re	
	All power ascension progra were walked down and no ad identified.	um test cables in Iditional fire b	n th arri	e Reacto er viola	or Enc itions	105	ire	
•	Additional inspection as a revealed an unsealed condu- the reactor enclosure. The power supply cable for the elevator.	it penetration is conduit pene	on e trat	ion cont	ained	ree	t i	n
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All seismic gap fire barriers in the Reactor Enclosure were identified and approximately 2/3 have been inspected with no descrepancies identified. Inspection is ongoing and presently anticipated to be completed by January 7; 1984.

The conduit penetration seals have been replaced. The seismic gap fire seal at the fire damper on elevation 201 feet is being redesigned due to accessibility problems and is expected to be installed by February 1, 1985. A fire watch/patrol will remain in this area until this penetration seal is completed.

By way of letter from the Station Superintendent all affected organizations have been instructed in the Technical Specification requirements regarding the operability of fire barriers and penetration seals.

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

December 28, 1984

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 Licensee Event Report concerns inoperable fire penetration seals in the reactor enclosure prior to initial criticality.

Reference: Report Number:	Docket No. 50-352 84-022
Revision Number:	00
Event Date:	November 29, 1984
Report Date:	December 28, 1984
Facility:	Limerick Generating Station
	P.O. Box A, Sanatoga, PA 19464

This LER is submitted pursuant to the requirements of 10CFR50.73 (a) (2) (i).

Very truly yours,

Superintendent for WTU. Nuclear Generation Division

cc: Dr. Thomas E. Murley, Administrator, Region I, USNRC J. T. Wiggins, Senior Site Inspector See Service List

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