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Abstract: 84-016

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On November 26, 1984, at approximately 10:42 a.m., prior to initial criticality, the 'B' Loop Recirculation Pump Motor was started without performing a surveillance test which determines if the temperature differential between the idle recirculation loop and vessel coolant was less than 50 degrees Fahrenheit. Investigation subsequent to the event determined that the temperature differential between the recirculation loop and vessel coolant was within the 50 degree Fahrenheit Technical Specification Limiting Condition for Operation.

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Description of the Event:

On November 26, 1984, at approximately 10:42 a.m. with the facility at zero percent power level prior to initial criticality, the 'B' Loop Recirculation Pump Motor was started without first performing surveillance test ST-6-043-390-1, "Reactor Recirculation Pump Idle Loop Startup Temperature and Flow Check." The purpose of this surveillance test is to determine and document that the temperature differential between the reactor coolant within the idle loop and the operating recirculation loop is within 50 degrees Fahrenheit, precluding undue stress on parts of the reactor vessel when temperature differences are greater than 145 degrees Fahrenheit.

The 'B' Loop Recirculation Pump Motor was started at 8:20 a.m. and 4:50 p.m. on the same day with the appropriate surveillance test performed in accordance with the Technical Specifications.

Consequences of the Event:

This event occurred, prior to initial criticality, with all control rods inserted. Minimal thermal gradients would be expected.

Investigation subsequent to the event determined that the temperature differential between the 'B' Recirculation Pump Loop and the coolant in the reactor pressure vessel was within 50 degrees Fahrenheit.

Cause of the Event:

The failure to perform the required surveillance test was a personnel error.

*** 431	LICENSEE	EVENT REPO	RT	(LE	ER) T	EX	TC	CON	NTIN	ıuı	ATI	ON	4	U	APPROVED ONE NO. 3150-GIO4 Expires 8/31/65							
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TEXT III more word is required, was edditional MAC form 3664 (17)

Corrective Actions:

The responsible reactor operator has been disciplined regarding his inadequate performance (failure to perform reactor recirculation pump idle loop startup temperature and flow check). In addition, the suspected Licensee Event Report for this event was discussed by the Operations Engineer and with all the operating shifts at their respective shift meetings.

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

December 26, 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 LER concerns the failure to perform a surveillance test prior to the start of the 'B' Loop Recirculation Pump as required by the Technical Specification 4.4.1.4. This event occurred prior to initial criticality.

Reference:

Docket No. 50-352

Report Number: Revision Number: 00

84-016

Event Date:

November 26, 1984

Report Date:

December 26, 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) (B).

Very truly yours,

27 Whil

W. T. Ullrich Superintendent

Nuclear Generation Division

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

cc: Judge Helen F. Hoyt Judge Jerry Harbour Judge Richard F. Cole Judge Christine N. Kohl Judge Gary J. Edles Judge Reginald L. Gotchy Troy B. Conner, Jr., Esq. Ann P. Hodgdon, Esq. Mr. Frank R. Romano Mr. Robert L. Anthony Ms. Phyllis Zitner Charles W. Elliott, Esq. Zori G. Ferkin, Esq. Mr. Thomas Gerusky Director, Penna. Emergency Management Agency Angus Love, Esq. David Wersan, Esq. Robert J. Sugarman, Esq. Martha W. Bush, Esq. Spence W. Perry, Esq. Jay M. Gutierrez, Esq. Atomic Safety & Licensing Appeal Board Atomic Safety & Licensing Board Panel Docket & Service Section (3 Copies) James Wiggins Timothy R. S. Campbell