

PHILADELPHIA ELECTRIC COMPANY

NUCLEAR GROUP HEADQUARTERS

955-65 CHESTERBROOK BLVD.

WAYNE, PA 19087-5691

(215) 640-6000

January 9, 1990

Docket No. 50-353
License No. NPF-85

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

SUBJECT: Limerick Generating Station, Unit 2
Primary Coolant Outside Containment (TMI Item III.D.1.1)

REFERENCE: (1) Letter, J. S. Kemper (PECo) to A. Schwencer (NRC),
dated September 12, 1984

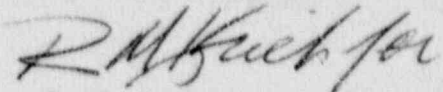
(2) Letter, G. A. Hunger, Jr. (PECo) to Document Control Desk (NRC),
dated July 14, 1989

Gentlemen:

The Reference (1) letter committed to perform sixteen leakage reduction surveillance tests to satisfy the program described in the Limerick Generating Station (LGS) Final Safety Analysis Report (FSAR) Section 6.2.8. Leakage limits for Unit 2 were established for each of these systems based on LGS Unit 1 data prior to these tests. Eight of these tests were completed prior to fuel load and the results were provided in Reference (2). The remaining surveillance tests were completed after fuel load and the test results for all the tests are summarized in the Attachment.

If you have any questions regarding this matter, please contact us.

Very truly yours,



G. A. Hunger, Jr.
Director
Licensing Section
Nuclear Services Department

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PDR ADOCK 05000353
PDC

Attachment

cc: W. T. Russell, Administrator, Region I, USNRC
T. J. Kenny, USNRC Senior Resident Inspector, LGS

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ATTACHMENT

Leakage Reduction Program Initial Surveillance Tests

<u>No.</u>	<u>Test ID Number</u>	<u>Title</u>	<u>Status</u>	<u>Established Goal</u>	<u>Test Results</u>
1	ST-1-030-700-2	Post Accident Sampling System Liquid Sample Loops Contaminated Piping Inspection	Complete	1 gpm	Acceptable
2	ST-1-030-701-2	Post Accident Sampling System (PASS) and Containment Atmospheric Control (CAC) Sample Loops Contaminated Piping Inspection	Complete	100 scc/min/loop	Note 1
3	ST-1-047-700-2	Scram Discharge Volume Contaminated Piping Inspection	Complete	1 gpm	Acceptable
4	ST-1-049-701-2	Reactor Core Isolation Cooling Pump Contaminated Piping Inspection	Complete	1 gpm	Acceptable
5	ST-1-049-702-2	Reactor Core Isolation Cooling Turbine Contaminated Piping Inspection	Complete	1 gpm	Acceptable
6	ST-1-051-701-2	A Residual Heat Removal Loop Contaminated Piping Inspection	Complete	1 gpm	Acceptable
7	ST-1-051-702-2	B Residual Heat Removal Loop Contaminated Piping Inspection	Complete	1 gpm	Acceptable
8	ST-1-051-703-2	C Residual Heat Removal Loop Contaminated Piping Inspection	Complete	1 gpm	Acceptable
9	ST-1-051-704-2	D Residual Heat Removal Loop Contaminated Piping Inspection	Complete	1 gpm	Acceptable
10	ST-1-052-701-2	A Core Spray Loop Contaminated Piping Inspection	Complete	1 gpm	Acceptable
11	ST-1-052-702-2	B Core Spray Loop Contaminated Piping Inspection	Complete	1 gpm	Acceptable
12	ST-1-052-705-2	Safeguard Piping Fill System Contaminated Piping Inspection	Complete	1 gpm	Acceptable

ATTACHMENT (Cont'd)
Leakage Reduction Program Initial Surveillance Tests

<u>No.</u>	<u>Test ID Number</u>	<u>Title</u>	<u>Status</u>	<u>Established Goal</u>	<u>Test Results</u>
13	ST-1-055-701-2	High Pressure Coolant Injection Pump Contaminated Piping Inspection	Complete	1 gpm	Acceptable
14	ST-1-055-702-2	High Pressure Coolant Injection Turbine Contaminated Piping Inspection	Complete	1 gpm	Acceptable
15	ST-1-058-701-2	A Post LOCA Recombiner Contaminated Piping Inspection	Complete	150 scc/min	Acceptable
16	ST-1-058-702-2	B Post LOCA Recombiner Contaminated Piping Inspection	Complete	150 scc/min	Acceptable

OTES:

- (1) System leakage for the PASS and CAC Sample Loops is determined for six individual boundaries. Boundaries 2, 4, 5, and 6 were acceptable. Maintenance Request Forms (MRFs) were initiated to correct leakage in excess of the goals for Boundaries 1 and 3.