

PHILADELPHIA ELECTRIC COMPANY

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JOSEPH W. GALLAGHER  
VICE PRESIDENT  
NUCLEAR OPERATIONS

June 18, 1987

Docket No. 50-352

Mr. Walter Butler, Director  
Project Directorate I-2  
Division of Reactor Projects I/II  
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

SUBJECT: Generic Letter 87-06  
Periodic Verification of Leak Tight  
Integrity of Pressure Isolation Valves

Dear Mr. Butler:

The subject Generic Letter required licensees " ... to submit a list of all pressure isolation valves (PIV) in your plant. For each valve, describe the periodic tests or other measures performed to assure the integrity of the valve as an independent barrier at the Reactor Coolant Pressure Boundary (RCPB) along with the acceptance criteria for leakage, if any, operational limits, if any, and frequency of test performances... If current plant Technical Specifications require leak rate testing for all PIVs in the plant, your reply to that effect will be sufficient."

Pressure Isolation Valves (PIVs) are defined for each interface as any two valves in series within the reactor coolant pressure boundary which separate the high pressure reactor coolant system from an attached low pressure system. These valves are normally closed during operation.

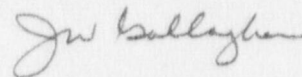
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Response

The attached table lists Pressure Isolation Valves (PIV). These valves are included in Table 3.6.3-1 of the Limerick Technical Specifications as containment isolation valves and are therefore leak tested in accordance with 10CFR50 Appendix J. In addition, these valves are also subject to ASME Section XI leak testing once per 18 months with an acceptance criteria of 1 gpm and a test pressure of 950 ± 10 psig.

Very truly yours,



Attachment

cc: Addressee  
E. M. Kelly, Senior Resident Site Inspector  
W. T. Russell, Administrator, NPC, Region I

LIMERICK PRESSURE ISOLATION VALVES

| Valve #                 | Service                             | Inboard | Outboard | App. J<br>Leak Test | Sect. XI<br>Leak Test |
|-------------------------|-------------------------------------|---------|----------|---------------------|-----------------------|
| HV-52-1F006A(B)         | A(B) Core Spray<br>Injection        | X       |          | X                   | X                     |
| HV-52-1F039A(B)         | A(B) Core Spray<br>Injection Bypass | X       |          | X                   | X                     |
| HV-52-1F005             | A Core Spray<br>Injection           |         | X        | X                   | X                     |
| HV-52-108               | B Core Spray<br>Injection           |         | X        | X                   | X                     |
| HV-51-1F041<br>A(B,C,D) | A(B,C,D) LPCI<br>Injection          | X       |          | X                   | X                     |
| HV-51-142<br>A(B,C,D)   | A(B,C,D) LPCI<br>Injection          | X       |          | X                   | X                     |
| HV-51-1F017<br>A(B,C,D) | A(B,C,D) LPCI<br>Injection          |         | X        | X                   | X                     |
| HV-51-1F022             | Head Spray                          | X       |          | X                   | X                     |
| HV-51-1F023             | Head Spray                          |         | X        | X                   | X                     |
| HV-51-1F050A(B)         | A(B) Shutdown<br>Cooling Injection  | X       |          | X                   | X                     |
| HV-51-151A(B)           | A(B) Shutdown<br>Cooling Injection  | X       |          | X                   | X                     |
| HV-51-1F015A(B)         | A(B) Shutdown<br>Cooling Injection  |         | X        | X                   | X                     |
| HV-51-1F009             | Shutdown Cooling<br>Suction         | X       |          | X                   | X                     |
| HV-51-1F008             | Shutdown Cooling<br>Suction         |         | X        | X                   | X                     |