Regulatory File Cy.

Commonwealth Edison Company

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December 26, 1972

Mr. Angelo Giambusso
Deputy Director for
Reactor Projects
Directorate of Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545

Subject: Report of Dresden Unit 2 Main Steam Isolation Valve Leakage Test - AEC Dkt 50-237

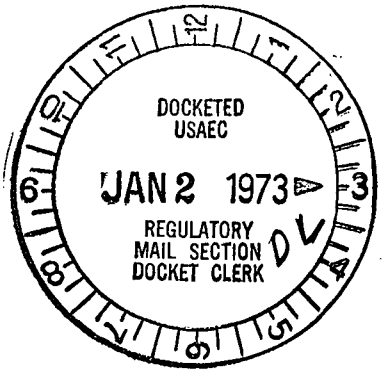
Dear Mr. Giambusso:

Section 6.6.E.3 of the Dresden Unit 2 Technical Specifications require that a report be submitted to the Commission indicating the results of leakage tests performed on the main steam isolation valves. Attached is a summary report of such tests performed since the preoperational tests.

One signed original and 39 copies of this report are included for your use.

Very truly yours,

Tom R. Tramm
for
L.D. Butterfield, Jr.
Nuclear Licensing Administrator



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SUMMARY REPORT OF DRESDEN 2 MAIN STEAM ISOLATION VALVE LEAKAGE

Pursuant to the requirements of Section 6.6.E.3 of the Technical Specifications, this report summarizes the results of the main steam line isolation valve (MSIV) leakage tests performed since pre-operational tests was conducted.

Leak tests on all MSIV's have been performed four times since installation, as indicated in Table I.

Additionally, in September, 1972, the downstream conical section of the "B" main steam line flow restrictor broke away and wedged itself immediately upstream of 1B MSIV. After repairs were made and just prior to starting up the unit, a leakage test was performed on the "B" main steam line isolation valves. The combined leakage from both 1B MSIV and 2B MSIV was 3.939 scfh, well within the Technical Specification limit.

As can be seen from the data presented, the leakage from all MSIV's is well within Technical Specification limits. At this time, no problems are foreseen that would cause the leakage from any valve to be greater than 11.5 scfh.

TABLE 1

MSIV Number	Pre-op Test	Leakage (scfh)* 8/70	6/71	6/72
203-1A	0	1.636	0	1.172
203-1B	2	0.061	7.484	7.836
203-1C	0	4.203	0	5.648
203-1D	0	0.508	0	7.485
203-2A	0	0.348	0	2.894
203-2B	0	0.512	0.396	3.039
203-2C	2.5	1.680	0	5.064
203-2D	0	0.922	0	0.648

* The maximum leakage from one valve is 11.5 scfh.