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November 20, 1978

Mr. T. A. Ippolito, Chief
Operating Reactors - Branch 3
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Dresden Station Units 2 & 3
Quad-Cities Station Units 1 & 2
Additional Information Regarding
Reactor Vessel Metal Surveillance
Specimen Fluences
NRC Docket Nos. 50-237/249/254/265 p

Reference (a): M. S. Turbak letter to T. A. Ippolito
dated November 3, 1978

Dear Mr. Ippolito:

Reference (a) transmitted additional information regarding reactor vessel metal surveillance specimen fluences for Dresden and Quad-Cities Stations. In subsequent discussions with your Staff, I have been informed that Table 1 was not attached to Reference (a). Apparently a mistake had been made in the mailing of the transmittal.

Attached to this letter is the subject Table 1.

Please address any questions concerning this matter to this office.

Very truly yours,

M. S. Turbak
Nuclear Licensing Administrator
Boiling Water Reactors

attachment

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TABLE 1

PROJECTED FLUENCE VALUES AT WITHDRAWAL FOR THE CAPSULES
DESIGNATED TO MEET THE REQUIREMENTS OF 10 CFR 50 APPENDIX H

<u>Capsule Results</u>				<u>Estimated Fluence at Withdrawal</u>			
<u>Reactor</u>	<u>Location (1)</u>	<u>Fluence (N/Cm²) (2)</u>	<u>EFPY (3)</u>	<u>Location</u>	<u>Fluence (N/Cm²) (4)</u>	<u>EFPY (4)</u>	<u>Proposed Withdrawal Date</u>
Dresden 2	35°	7.16 10 ¹⁵	0.65	215°	8.81 x10 ¹⁶	8	1980
				95°	1.74 x10 ¹⁷	24	2000
Dresden 3	35°	9.26 x10 ¹⁵	0.97	215°	7.93 x10 ¹⁶	8	1981
				245°	1.51 x10 ¹⁷	24	2001
Quad-Cities 1	35°	1.03 x10 ¹⁶	1.23	215°	6.70 x10 ¹⁶	8	1982
				95°	1.33 x10 ¹⁷	24	2002
Quad-Cities 2	35°	1.73 x10 ¹⁶	1.63	215°	8.49 x10 ¹⁶	8	1982
				95°	1.68 x10 ¹⁷	24	2002

(1) Azimuthal position in the vessel wall.

(2) Based on a cross-section of 0.236 barns.

(3) EFY - Effective Full Power Years of operation accumulated at the time of capsule withdrawal.

(4) Based on 80% capacity.