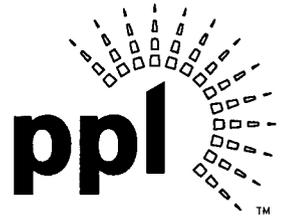


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APR 28 2011



REIRS Project Manager
Office of Nuclear Reactor Research
U. S. Nuclear Regulatory Commission
Washington, DC 20555

**SUSQUEHANNA STEAM ELECTRIC STATION
ANNUAL REPORT PER 10 CFR 20.2206
PLA-6719**

**Docket Nos. 50-387
and 50-388**

Per 10 CFR 20.2206, the 2010 annual report on radiation exposure for the Susquehanna Steam Electric Station has been forwarded to you via secure Web transfer (REIRS website) as specified in 10 CFR 20.2206(c). This report is formatted in accordance with Appendix A to Regulatory Guide (RG) 8.7, Revision 1. As requested by Appendix A to RG 8.7, Revision 1, the following information is being supplied:

File name: 2010.txt
Date created: April 23, 2011
Operating system: Windows XP/ORACLE 10g
Contact: Stephen L. Ingram
(570) 542-3245

In addition, during the reporting period there were no planned special exposures or overexposures.

Should you have any questions or require additional information, please contact Mr. John J. Petrilla, Acting Manager – Nuclear Regulatory Affairs at (570) 542-3796.

A handwritten signature in black ink, appearing to read "Timothy S. Rausch", written in a cursive style.

T. S. Rausch

Copy: NRC Region I

Mr. P. W. Finney, NRC Sr. Resident Inspector ✓
Mr. R. R. Janati, DEP/BRP
Mr. B. K. Vaidya, NRC Project Manager

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