



FPL Energy
Seabrook Station

FPL Energy Seabrook Station
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APR 26 2004

Docket No. 50-443
NYN-04037

U.S. Nuclear Regulatory Commission
Attn.: Document Control Desk
Washington, DC 20555-0001

Seabrook Station
2003 Annual Radioactive Effluent Release Report

FPL Energy Seabrook, LLC (FPLE Seabrook) hereby submits the Annual Radioactive Effluent Release Report for 2003. This report is submitted pursuant to 10CFR 50.36(a)(2) and Technical Specification 6.8.1.4. A copy of the Offsite Dose Calculation Manual (ODCM) is also provided pursuant to Technical Specification 6.13.c. A summary of the changes to the ODCM is included in Enclosure 1, Appendix A.

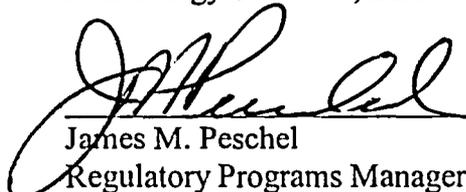
The following information is provided in the enclosures:

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|-------------|---|
| Enclosure 1 | Effluent release data as required by Regulatory Guide 1.21 |
| Enclosure 2 | Joint frequency distributions of wind speed, wind direction and atmospheric stability |
| Enclosure 3 | Radiation dose assessment |
| Enclosure 4 | Offsite Dose Calculation Manual (ODCM), Revision 26 |

Should you have any questions regarding this letter, please contact Peter J. Harvey, Chemistry Department Manager, at (603) 773-7320.

Very truly yours,

FPL Energy Seabrook, LLC


James M. Peschel
Regulatory Programs Manager

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cc: H. J. Miller, NRC Region I Administrator
V. Nerses, NRC Project Manager, Project Directorate I-2
G.T. Dentel, NRC Senior Resident Inspector
Robert A. Oliveira, ANI