

Figure 12.3-6— {ISFSI Satellite Image}

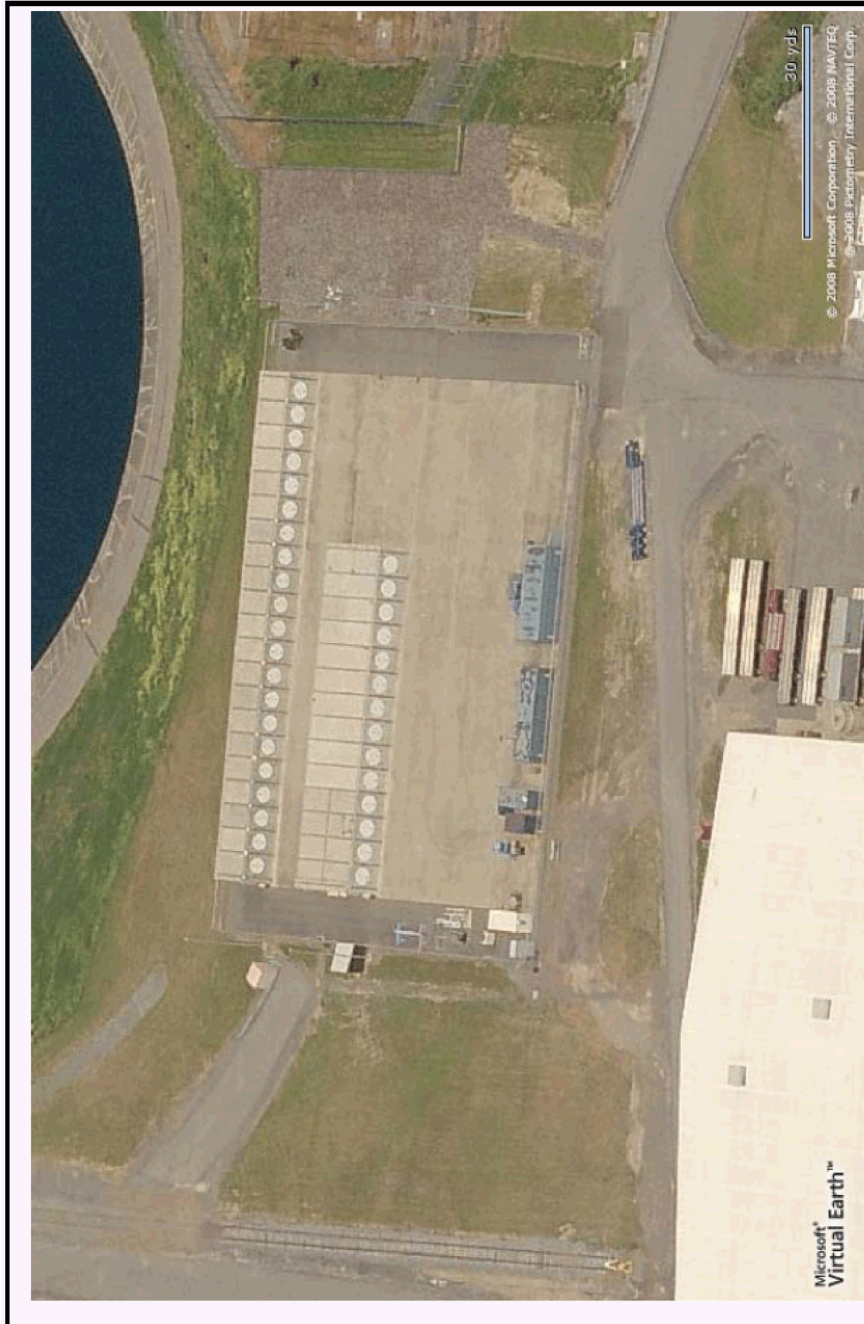


Figure 12.3-7 — {SSES ISFSI (blue border) with TLDs and Grid}



Figure 12.3-8— {TLD (ID 13S2) Data Verifying Time Correlation Function}

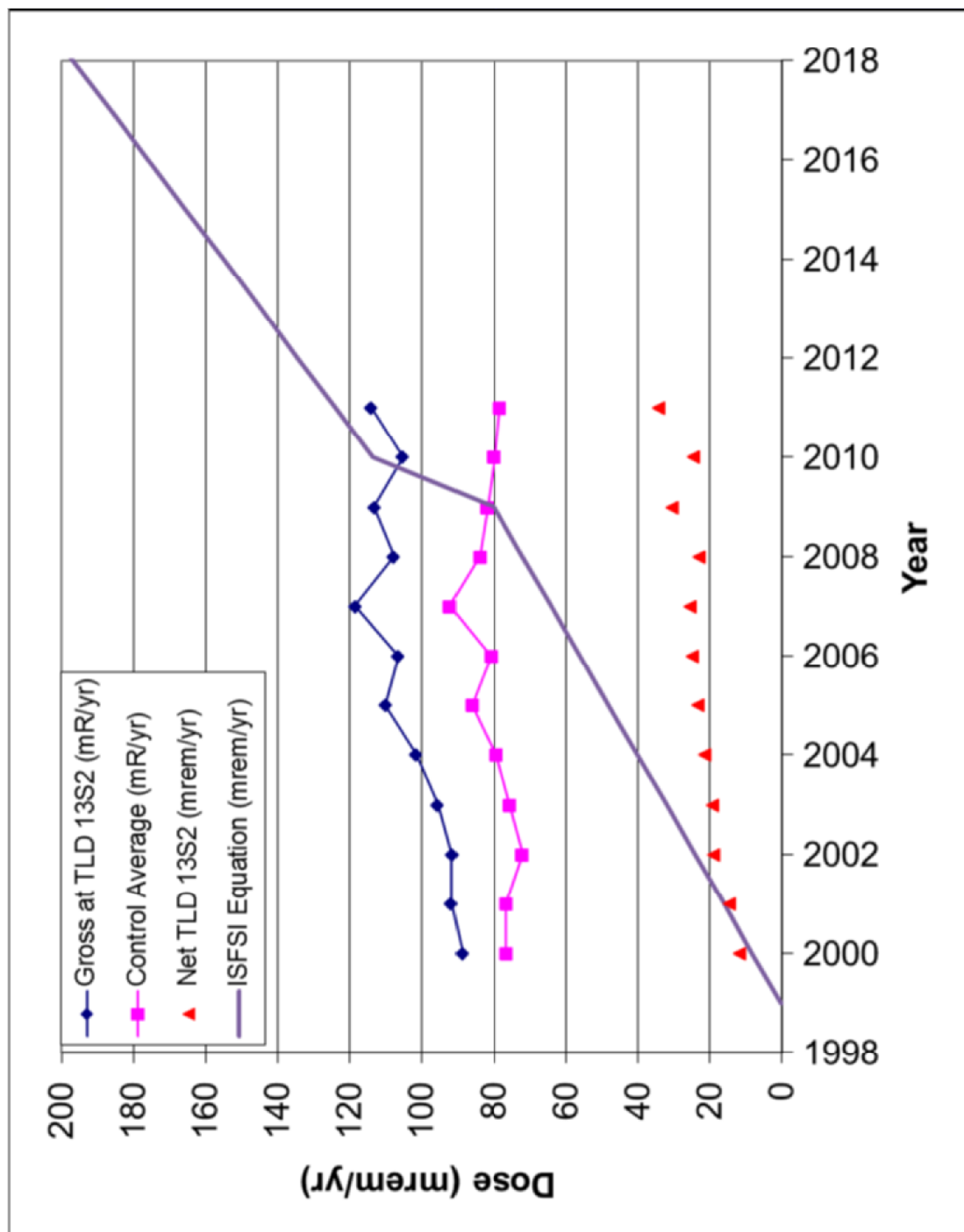


Figure 12.3-9— {Dose vs Distance for CSTs}

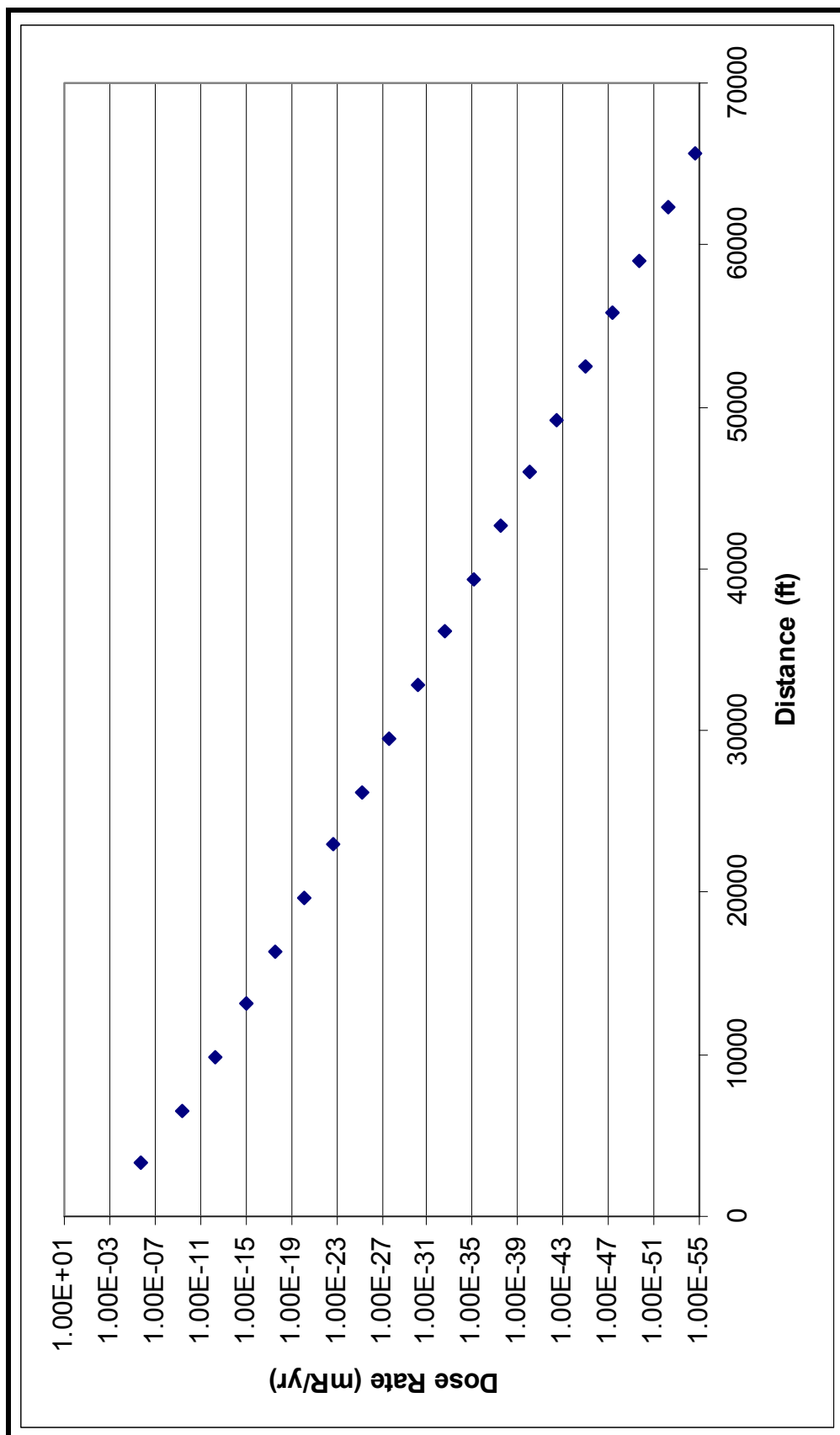


Figure 12.3-10— {Dose vs Distance for LLRWHF}

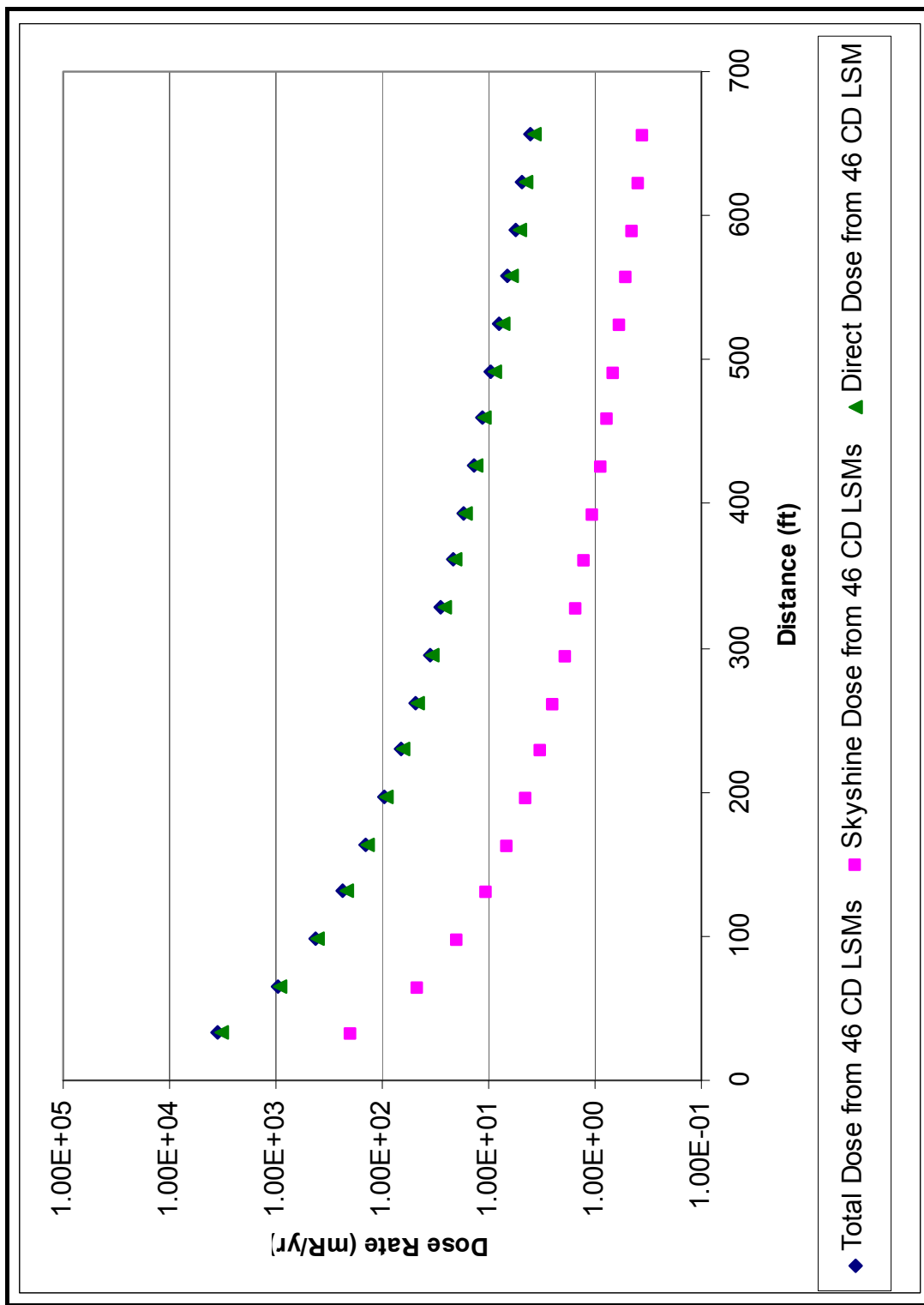


Figure 12.3-11 — {Dose vs Distance for SEALAND Containers}

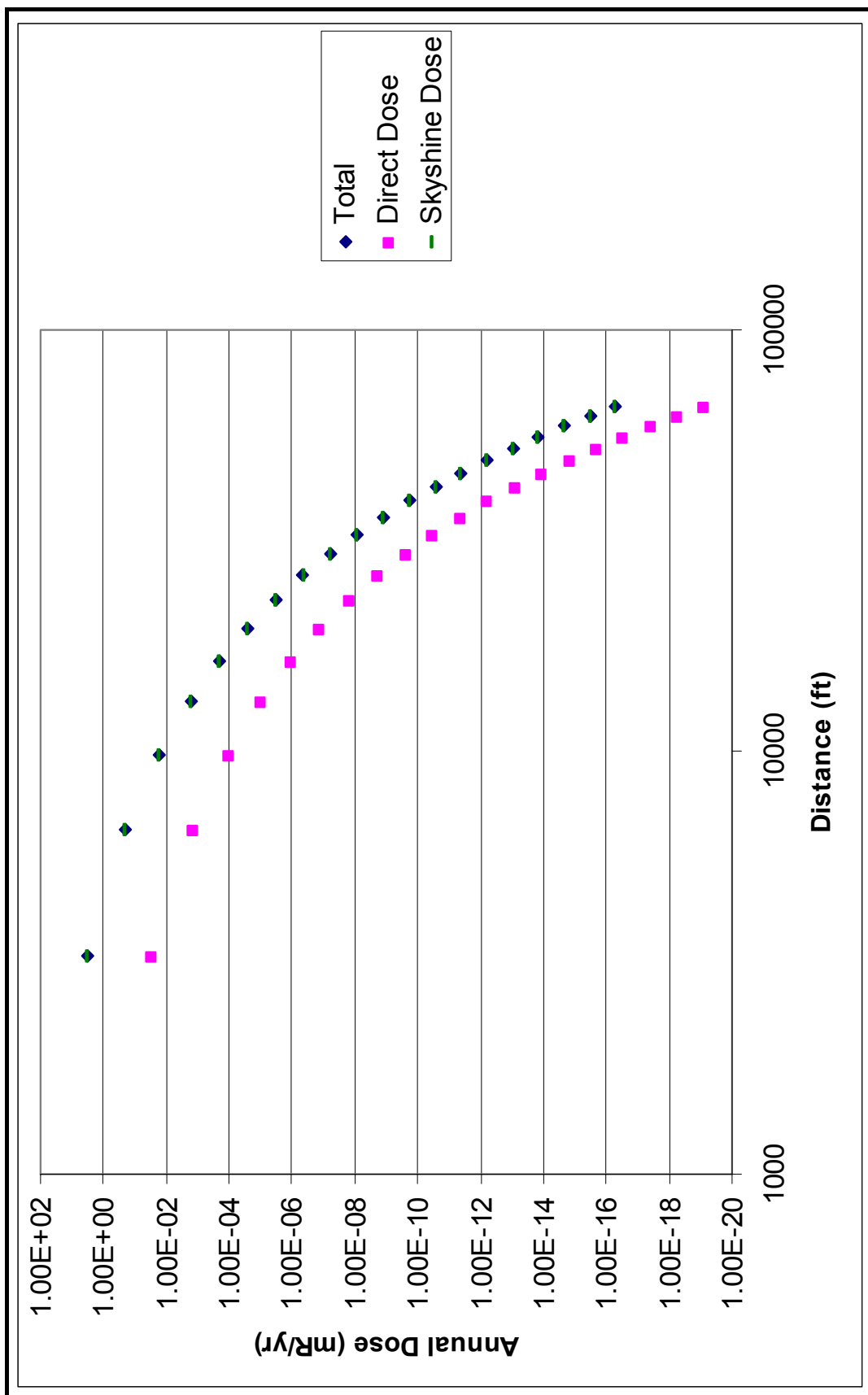


Figure 12.3-12—{Dose vs Distance for Steam Dryer Storage Vault}

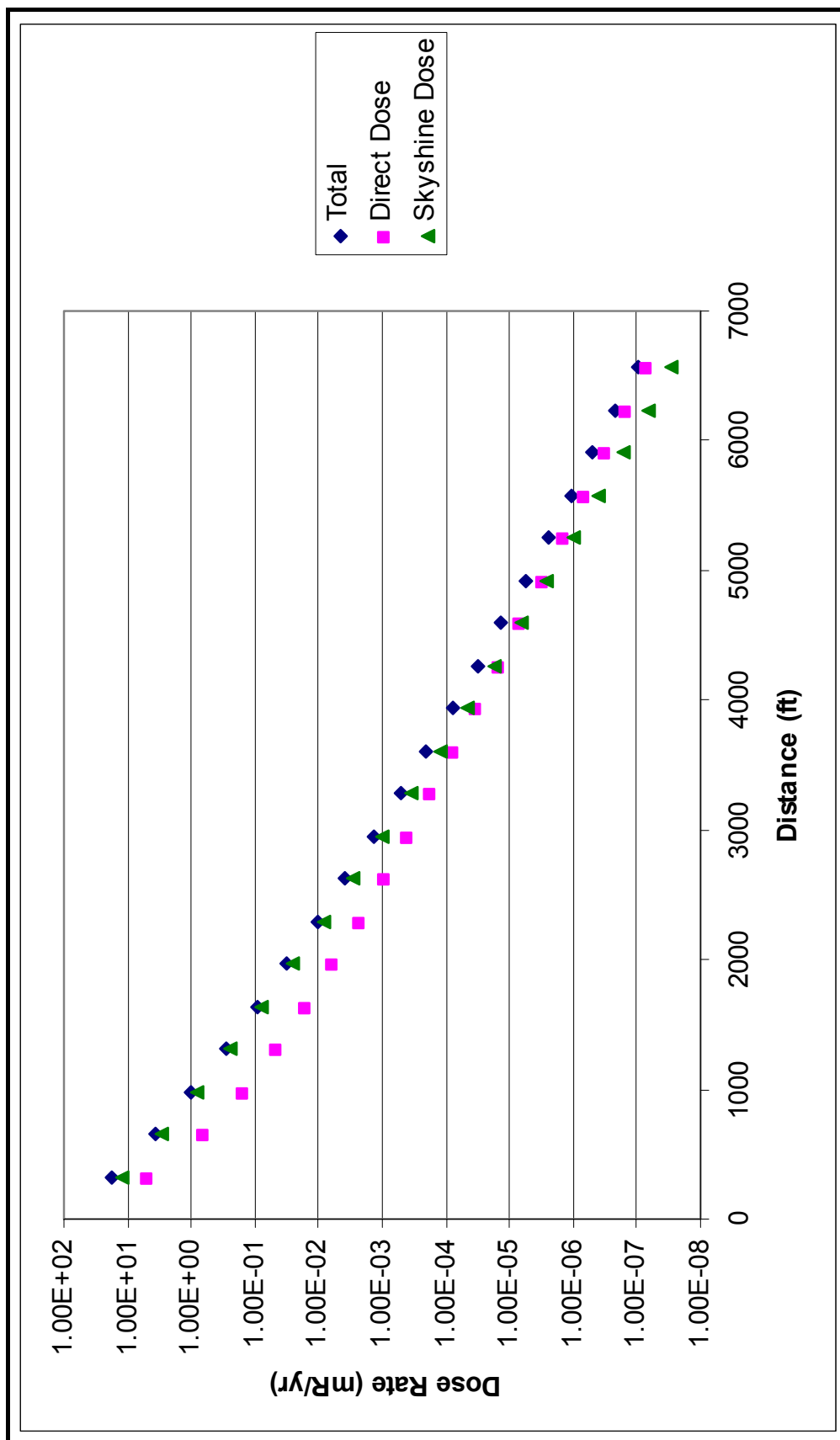
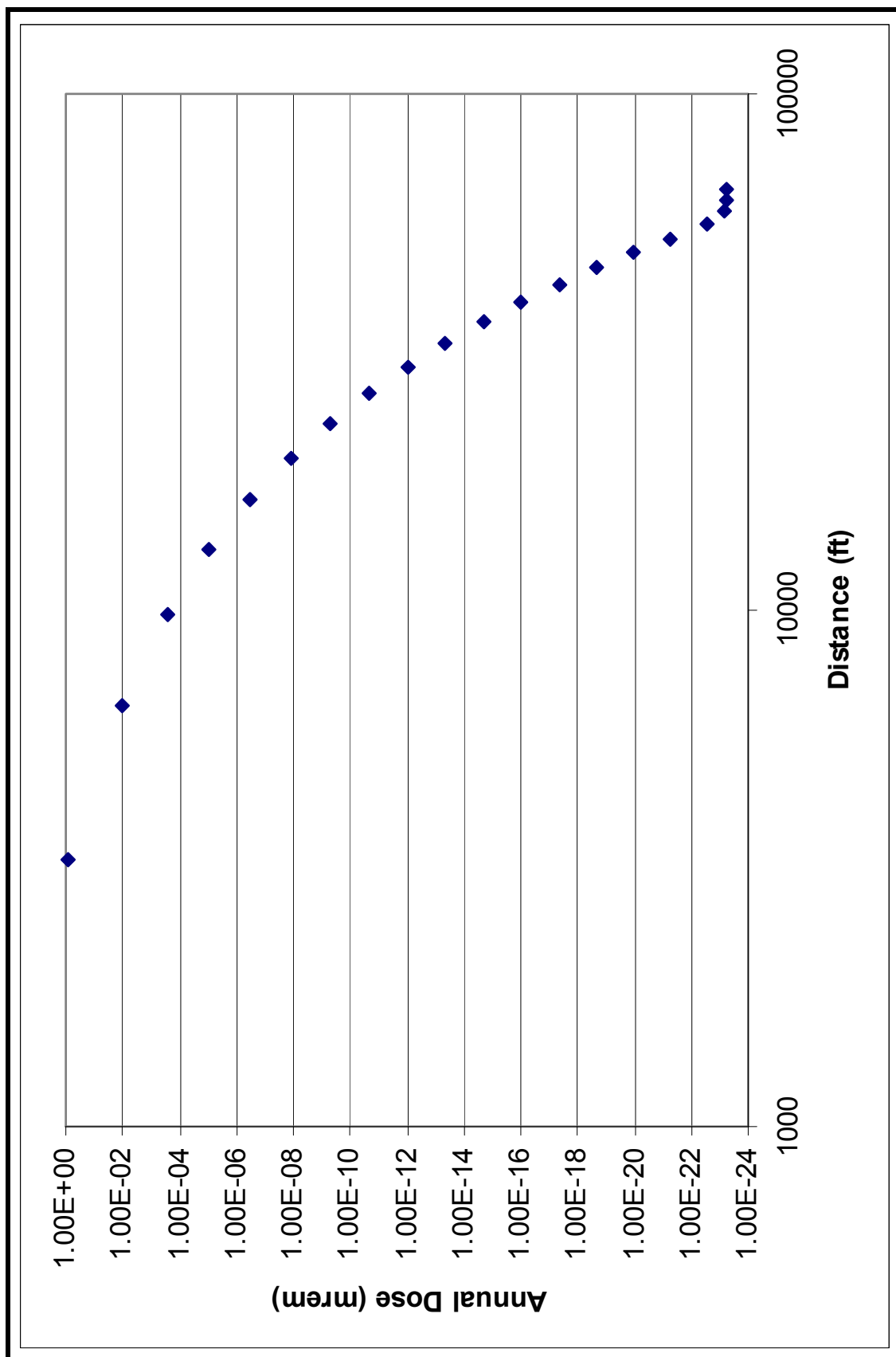


Figure 12.3-13—{Dose vs Distance for Turbine Building}



12.4 DOSE ASSESSMENT

This section of the U.S. EPR FSAR is incorporated by reference.

12.5 OPERATIONAL RADIATION PROTECTION PROGRAM

This section of the U.S. EPR FSAR is incorporated by reference with the following supplements.

The U.S. EPR FSAR includes the following COL Item in Section 12.5:

A COL applicant that references the U.S. EPR design certification will fully describe, at the functional level, elements of the Radiation Protection Program. The purpose of this Radiation Protection Program is to maintain occupational and public doses ALARA. The program description will identify how the program is developed, documented, and implemented through plant procedures that address quality requirements commensurate with the scope and extent of licensed activities. This program will comply with the provisions of 10 CFR Parts 19, 20, 50, 52, and 71 and be consistent with the guidance in RG 1.206, RG 1.8, RG 8.2, RG 8.4, RG 8.5, RG 8.6, RG 8.7, RG 8.8, RG 8.9, RG 8.10, RG 8.13, RG 8.15, RG 8.27, RG 8.28, RG 8.29, RG 8.34, RG 8.35, RG 8.36, RG 8.38, and the consolidated guidance in NUREG-1736.

This COL Item is addressed as follows:

This section incorporates by reference NEI 07-03A, "Generic FSAR Template Guidance for Radiation Protection Program Description" (NEI, 2009) with the following supplemental information:

NEI 07-03A Section 12.5.4.4, Access Control

The U.S. EPR FSAR Section 12.3.1.8 describes the Very High Radiation Areas (VHRAs) located in the Reactor and Fuel Buildings; their locations are shown in U.S. EPR FSAR Figures 12.3-1 through 12.3-9. VHRAs that are accessible will be controlled via physical barriers and positive access control, such as VHRA keys that are maintained under the control of the {Radiation Protection and Chemistry Manager}. These VHRAs are not routinely accessible during operations; access during special circumstances, such as outages, is via the radiation work control program.

NEI 07-03A Section 12.5.4.12, Quality Assurance

The Quality Assurance program is described in FSAR Section 17.5.

12.5.1 References

{NEI, 2009. Generic FSAR Template Guidance for Radiation Protection Program Description, NEI 07-03A, Revision 0, May 2009.}