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date: May 9, 2023

to: SNL WIPP Records Center
Defense Waste Management Programs

from: Paul Domski *signature on file*

subject: Official Release of the Qualified WIPP Pitzer Thermodynamic Database, DATA0.FM6, for EQ3/6 under AP-200.

This memo marks the official release of the qualified WIPP database for EQ3/6, DATA0.FM6. This database, DATA0.FM6, is a replacement database for DATA0.FM5, see Domski (2020) for details. Release of the database and the associated analysis report, Domski (2023) fulfills Tasks 1 through 5 of AP-200 (Domski, 2022). The database, and associated files, have been submitted to WIPP records, and will be stored in the CVS under Linux platform CentOS 7/Dell PowerEdge C6420. These files will be stored at: /data/cvs/CVSLIB/WIPP_EXTERNAL/ap200/Files.

References

Domski, P.S. 2020. DATA0.FM5: Official Release of the Qualified Pitzer Thermodynamic Database, DATA0.FM5, for EQ3/6 under AP-183, Revision 1. Carlsbad, NM: Sandia National Laboratories. ERMS 572791

Domski, P. 2022 "Analysis Plan: Procedure(s) for the Creation of Thermodynamic Databases for WIPP Compliance Calculations". AP-200, Revision 1. Carlsbad, NM: Sandia National Laboratories. ERMS 578657

Domski, P. S. 2023. An Update to the WIPP EQ3/6 Database DATA0.FM1 with the Creation of DATA0.FM6. Sandia National Laboratories, Carlsbad, New Mexico.

WIPP:4.4.2.2.1:TD:QA-L:RECERT:579369.

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