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date: March 4, 2019

to: SNL WIPP Records Center
Defense Waste Management Programs

from: Paul S. Domski

Shelley R. Nelson for

subject: Official Release of the Qualified Pitzer Thermodynamic Database, DATA0.FM4, for EQ3/6 under AP-183, Revision 1.

This memo marks the official release of the qualified Pitzer thermodynamic database for EQ3/6, DATA0.FM4. Release of the database and the associated analysis report, Domski (2019) fulfills Tasks 1 and 2, respectively, of AP-183, Revision 1. The database, and associated files, have been submitted to WIPP records, and will be stored in the CVS under the Sun platform/Solaris OS. These files will be stored at: /nfs/data/CVSLIB/WIPP_EXTERNAL/ap183/Files.

References

- Domski P. S., 2019. "An Update to the EQ3/6 Pitzer Thermodynamic Database DATA0.FM1 with the Creation of DATA0.FM4". Carlsbad, NM: Sandia National Laboratories. ERMS# pending.
- Sisk-Scott, C. 2019 "Analysis Plan to Update the WIPP Geochemical Thermodynamic Database (DATA0.FM1) to Data0.FM4 for CRA-2019". AP-183, Revision 1. Carlsbad, NM: Sandia National Laboratories. (ERMS#571001).

Exceptional Service in the National Interest

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