

George, Mathews

Subject: FW: Technical Review Report: Tank 12 Grouting
Attachments: HTF-SKM-2014-00031 Rev. A.pdf; SRR-CWDA-2014-00102.pdf; SRR-LWE-2014-00162.pdf; SRR-LWE-2016-00020.pdf; USQ-HTF-2015-00635.pdf; USQ-HTF-2015-00686.pdf

From: larry.romanowski@srs.gov <larry.romanowski@srs.gov>
Sent: Tuesday, February 22, 2022 8:16 PM
To: George, Mathews <Mathews.George@nrc.gov>
Cc: Charles.Comeau@srs.gov; patricia.suggs@srs.gov; aaron.staub@srs.gov
Subject: [External_Sender] Technical Review Report: Tank 12 Grouting

Mathews,

In Appendix B to *Technical Review Report: U.S. Department of Energy Documentation Related to Tank 12 Grouting Operations with Emphasis on Specifications, Testing, Recommendations and Placement Procedures* (ML20296A550) the NRC requested a number of files and references. The majority of the information is attached to this email. I have noted status for each of the items below:

1. Goldsim modeling files associated with SRR-CWDA-2015-00100 (evaluation of impact of clean cap grout in Tank 16H), if not already provided.
-Files will be uploaded to the NRC Box location and separate notification will be provided when complete
2. NRC requested and DOE provided work order No. 01324150-64. However, key attachment HTF-SKM-2015-00031 (Grout Placement Plan) was not provided (DOE provided attachments HTF-SKM-2015-00021 and HTF-SKM-2015-00010). Would DOE provide missing attachment HTF-SKM-2014-00031?
-HTF-SKM-2014-00031 is attached to this email
3. SRR-CWDA-2014-00102. Layton, M.H. "Disposal of Cooling Coil Grouting Liquid Within Tank 16." Revision 0, Aiken, South Carolina: Savannah River Site. November 2014.
-SRR-CWDA-2014-00102 is attached to this email
4. SRR-CWDA-2012-00051 *Revision 3 or later*, said to contain directions referenced in in a work order to: "PLACE/POUR GROUT; IF water is present Then add Dry Grout Per the guidance of SRR-CWDA-2012-00051 Revision 2 (Riser grouting)." NRC has Revision 2, which does not address application of dry grout mix to bleed water in risers.
-Revision 2 of SRR-CWDA-2012-00051 is the latest revision, will discuss during planned April 28, 2022 NRC-DOE Technical Discussions.
5. SRR-LWE-2014-00162. Voegtlen, R.O. "Video Inspection Plan for Tank 12 During Tank Grouting Activities." February 2015.
-SRR-LWE-2014-00162 is attached to this email
6. SRR-LWE-2016-00020. Voegtlen, R.O. "Tank 12 Grout Cracks under Riser 1." 2016.
-SRR-LWE-2016-00020 is attached to this email
7. USQ-HTF-2015-00635 (Technical Review Package associated with grout cylinder laboratory temperature excursions).
-USQ-HTF-2015-00635 is attached to this email
8. USQ-HTF-2015-00686 (Technical Review Package associated with grout cylinder laboratory temperature excursions).
-USQ-HTF-2015-00686 is attached to this email
9. Any Tank 12 nonconformances.

-The two nonconformance Reports associated with Tank 12 have been provide to the NRC previously and were reviewed as part of this TRR. The Reports are captured as References 1 and 2 to the TRR (ADAMS Accession No's, ML20302A273 and ML20302A274).

Please pass the information on to NRC Technical Staff as necessary. I will notify you once we have the files for Item #1 above loaded on the NRC Box Folder.

Thanks,
Larry Romanowski
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