

United States Government

Department of Energy

memorandum

 Carlsbad Field Office
 Carlsbad, New Mexico 88221


DATE: APR 23 2013

REPLY TO
ATTN OF: CBFO:NTP:JRS:GL:13-0492:UFC 5900.00

SUBJECT: SRS-CCP Expansion to Include the Tier 1 Approvals of Waste Stream SR-RH-235F.01, the ISOCS as an Approved Measurement Modality for RH TRU Waste Limited to Providing Relative Determination of Gamma-Emitting Radionuclides for Use as Scaling Factors, the Surveillances S-13-20 and S-13-22

 TO: David Moody, Manager, U.S. Department of Energy, Savannah River Site
 M. F. Sharif, President and Project Manager, Nuclear Waste Partnership, LLC

The Carlsbad Field Office (CBFO) is expanding the Savannah River Site (SRS) Central Characterization Project (CCP) (hereinafter referred to as SRS-CCP) current contact-handled (CH) and remote-handled (RH) certification memo CBFO:NTP:JRS:GL:12-0682:UFC 5900.00 dated November 28, 2012. This expansion reflects the following at the SRS-CCP:

- The Environmental Protection Agency (EPA) approval issued February 12, 2013 (DOCKET NO: A-98-49; II-A4-170), of the Tier 1 change to include Waste Stream SR-RH-235F.01 and the EPA approval of the SRS-CCP In-Situ Object Counting System (ISOCS) to measure RH TRU wastes irrespective of the radionuclides being measured. Essentially, the ISOCS is an approved measurement modality for RH transuranic (TRU) wastes at the SRS limited to providing relative determination of gamma-emitting radionuclides for use as scaling factors. The technical bases for the derivation of the radionuclide-specific scaling factors that are used in conjunction with the ISOCS are still subject to evaluation as a Tier 1 change. Use of the ISOCS for direct quantification of RH TRU wastes for WIPP disposal is not approved.
- The EPA approval issued February 21, 2013 (DOCKET NO: A-98-49; II-A4-171) of the Tier 1 for the NABC five-foot setback configuration for measurement of standard waste boxes (SWBs).
- Surveillance S-13-22 was conducted to evaluate CCP-QP-029, Revision 0 for adequacy and effective implementation of the NWP CCP Corrective Action Management Program.
- Surveillance S-13-20 was conducted to evaluate NWP CCP nondestructive assay waste characterization process using the Nondestructive Assay Box Counter (NABC) five-foot setback configuration for the purposes of characterizing and certifying CH Summary Category Group (SCG) S5000 debris wastes in SWBs.

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