



AMERICA'S NUCLEAR SOLUTION

WCS-CISF-16-003

December 16, 2016

Mr. Mark Lombard, Director
U.S. Nuclear Regulatory Commission
Division of Spent Fuel Management
Attention: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852-2738

- References: (1) Letter from J. Scott Kirk (WCS) to Mark Lombard (NRC), License Application to Construct and Operate a Consolidated Interim Storage Facility for Spent Nuclear Fuel in Andrews County, Texas, Docket 72-1050, dated April 28, 2016
- (2) Letter from Mark Lombard (NRC) to Scott Kirk (WCS), Acceptance Review of Specific License Application Requesting Authorization to Construct and Operate a Consolidated Interim Storage Facility for Spent Nuclear Fuel – Supplemental Information Needed, dated June 22, 2016
- (3) Letter from Michael Ford (WCS) to Mark Lombard (NRC), Supplemental Information to Support the License Application for an Interim Storage Facility for Spent Nuclear Fuel in Andrews County, Texas, Docket 72-1050, dated November 16, 2016

Subject: Supplemental Information to Support a License Application for a Consolidated Interim Storage Facility for Spent Nuclear Fuel in Andrews County, Texas, Docket 72-1050

Dear Mr. Lombard:

Waste Control Specialists LLC (WCS) hereby files supplemental information requested by the NRC letter dated June 22, 2016 (Reference 2) to support continued NRC review of the April 28, 2016 WCS License application requesting authorization to construct and operate a Consolidated Interim Storage Facility for Spent Nuclear Fuel in Andrews County, Texas (Reference 1). WCS is

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providing responses to Request for Supplemental Information (RSI) items in accordance with the RSI Response Schedule enclosed in our letter to you dated November 16, 2016 (Reference 3, Enclosure 1). Contained in this submittal are 7 new RSI responses and 14 revised RSI responses.

On Thursday, December 15, 2016, I contacted Mr. John McKirgan of your staff regarding the status of the submittal and advised him that the response to RSI NP-4.7 cannot be included in this submittal because we are still in the process of assessing our answer with respect to safety and design elements. WCS and its team need a few additional days to conclude that assessment. I apologize that we had to separate that final individual response from the rest of the submittal package, but we want to make sure we have a complete answer to that question.

The results of the above assessment could impact our schedule for Revision 1, and for that reason, we will communicate our Revision 1 schedule with the submittal of the RSI NP-4.7 response.

Returning to this submittal, it contains the following enclosures:

- Enclosure 1 provides affidavits, in accordance with 10 CFR 2.390, specifically requesting that the proprietary information included in Enclosure 4 of this submittal be withheld from public disclosure. That information may not be used for any purpose other than to support the review of the WCS application. A non-proprietary version of Enclosure 4 is provided in Enclosure 5.
- Enclosure 2 provides responses to the RSI items.
- Enclosure 3 provides a list of changed Safety Analysis Report (SAR) and Environmental Report (ER) parts and indication of the associated RSI(s).
- Enclosure 4 provides changed pages for affected parts of the SAR and the ER.
- Enclosure 5 provides a public version of the Enclosure 4 changed SAR and ER pages.

SAR and ER changes are tracked and indicated by revision bars and italics for newly inserted text. All changes from previous RSI response submittals are tracked. The new changes, associated with the RSI responses herein, are further annotated with rectangles enclosing the changed areas and RSI numbering indications as to which RSI is related to the changes.

All SAR and ER pages are shown as “Interim Rev. 1.” WCS will prepare a consolidated updated revision to the application, the SAR, the ER, etc. containing all of these pages, to be provided after the final RSI response submittal, as discussed above.

This submittal is being provided as an electronic submission, using the optical storage media (OSM) provision from Section 4 of the NRC Guidance for Electronic Submissions to the NRC. Accordingly, we have included a Document Components listing and OSM#1 and OSM#2 listings at the end of this cover letter.

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WCS requests that a copy of all correspondence regarding this matter be emailed to my attention (mford@valhi.net) as soon as possible after issuance. If you have any questions or need additional information, please call me at your earliest convenience at 972-450-4284.

I certify under penalty of perjury that the foregoing is true and correct.

Executed on December 16, 2016



Michael Ford, CHP
Vice President, Licensing & Corporate Compliance

Cc:

John-Chau Nguyen, NRC (one hardcopy of this cover letter; five copies of the OSM#1 disk and one copy of the OSM#2 disk)

Cover letter only:

Elicia Sanchez, WCS
Jay Britten, WCS
Jay Cartwright, WCS
Jeremy Vesely, WCS

One copy of the OSM#1 disk, which contains the entire submittal, to the following:

Ray Phan, AREVA
Kent Cole, NAC International
WCS Regulatory Compliance
WCS Records Management

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Enclosures:

1. Affidavits Pursuant to 10 CFR 2.390
 - Waste Control Specialists LLC Affidavit dated 15 DEC 2016
 - TN Americas LLC E-47122 Affidavit Pursuant to 10 CFR 2.390
 - NAC International Affidavit Pursuant to 10 CFR 2.390 dated December 15, 2016
2. RSIs and Responses
3. List of Changed WCS CISF SAR and ER Parts and Associated RSIs
4. Changed WCS CISF SAR and ER Pages, Interim Revision 1 (proprietary)
5. Public Version of Changed WCS CISF SAR and ER Pages, Interim Revision 1

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Document Components:

001 Public WCS Transmittal Letter.pdf, 831,345 bytes
002 Public Enc 1 Affidavits.pdf, 1,120,985 bytes
003 Public Enc 2 RSIs and Responses.pdf, 205,556 bytes
004 Public Enc 3 List of Changed SAR ER Parts.pdf, 79,217 bytes
005 SUNSI Enc 4 SAR Pages Ch 1-2.pdf, 28,409,033 bytes, Proprietary
006 SUNSI Enc 4 SAR Pages Ch 2 Att B 1of10.pdf, 47,932,987 bytes, Proprietary
007 SUNSI Enc 4 SAR Pages Ch 2 Att B 2of10.pdf, 24,618,771 bytes, Proprietary
008 SUNSI Enc 4 SAR Pages Ch 2 Att B 3of10.pdf, 30,378,444 bytes, Proprietary
009 SUNSI Enc 4 SAR Pages Ch 2 Att B 4of10.pdf, 26,397,725 bytes, Proprietary
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OSM#1 (Entire Submittal) (DVD):

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