



DPG 18-114

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June 25, 2018

Attn: Document Control Desk
Director, Division of Spent Fuel Management
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Docket 72-11
Rancho Seco Independent Spent Fuel Storage Installation
License No. SNM-2510

RESPONSE TO REQUEST FOR SUPPLEMENTAL INFORMATION FOR ACCEPTANCE REVIEW OF THE APPLICATION FOR THE RENEWAL OF 10 CFR PART 72 SPECIAL NUCLEAR MATERIALS LICENSE NO. SNM-2510 FOR THE RANCHO SECO INDEPENDENT SPENT FUEL STORAGE INSTALLATION (CAC/EPID NOS. 001028/L-2018-RNW-0005;000993/L-2018-LNE-0004)

Reference: Letter from Wendy A. Reed (NRC) to Dan Tallman (SMUD), "REQUEST FOR SUPPLEMENTAL INFORMATION FOR ACCEPTANCE REVIEW OF THE APPLICATION FOR RENEWAL OF THE RANCHO SECO INDEPENDENT SPENT FUEL STORAGE INSTALLATION LICENSE NO. SNM-2510 (CAC/EPID NOS. 001028/L-2018-RNW-0005; 000993/L-2018-LNE-0004), dated May 29, 2018

Dear Mr. Layton:

This submittal provides responses to the Request for Supplemental Information (RSI) forwarded by the letter referenced above. Enclosure 2 herein provides responses to the RSI items and nearly all Observation (OBS) items. Each RSI and OBS response has an impact section that describes any changes made to the Rancho Seco ISFSI License Renewal Application (LRA) as a result of the RSI or OBS. Enclosure 3 provides a proprietary version of the entire LRA, updated to Revision 1. Enclosure 4 provides a public version of the entire Revision 1 LRA. Enclosures 5 through 9 provide proprietary calculations that are requested by RSIs 2, 3, and 4. Changes in the Revision 1 LRA are tracked and indicated by revision bars. All changes are based on the RSI and OBS responses.

Enclosures transmitted herein contain SUNSI. When separated from enclosures, this transmittal document is decontrolled.



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Certain portions of this submittal include proprietary information, which may not be used for any purpose other than to support the NRC staff's review of the LRA. In accordance with 10 CFR 2.390, TN Americas LLC is providing an affidavit (Enclosure 1) specifically requesting that this proprietary information be withheld from public disclosure. Because the Enclosures 5 through 9 calculations are entirely proprietary, public versions are not included.

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.

SMUD is submitting this license renewal application update under oath or affirmation (Enclosure 10). Accordingly, pursuant to 10 CFR 72.16(b), I declare under penalty of perjury that the information contained in SMUD letter DPG 18-114, "RESPONSE TO REQUEST FOR SUPPLEMENTAL INFORMATION FOR ACCEPTANCE REVIEW OF THE APPLICATION FOR THE RENEWAL OF 10 CFR PART 72 SPECIAL NUCLEAR MATERIALS LICENSE NO. SNM-2510 FOR THE RANCHO SECO INDEPENDENT SPENT FUEL STORAGE INSTALLATION (CAC/EPID NOS. 001028/L-2018-RNW-0005;000993/L-2018-LNE-0004)" is true and correct to the best of my knowledge.

Should you have questions or require additional information, please contact me directly at (916) 732-4893.

Sincerely,

A handwritten signature in black ink, appearing to read "Dan Tallman", with a stylized flourish at the end.

Dan Tallman
Manager, Rancho Seco Asset



Enclosures:

1. TN Americas LLC Affidavit Pursuant to 10 CFR 2.390
2. RSIs and Observations and Responses
3. Rancho Seco ISFSI License Renewal Application, Revision 1 (proprietary version)
4. Rancho Seco ISFSI License Renewal Application, Revision 1 (non-proprietary version)
5. TN Calculation 502917-AMR03, Revision 0 (Proprietary)
6. TN Calculation 502917-0501, Revision 0 (Proprietary)
7. TN Calculation 502917-0201, Revision 1 (Proprietary)
8. TN Calculation 502917-0200, Revision 0 (Proprietary)
9. TN Calculation 502917-0500, Revision 0 (Proprietary)
10. California All Purpose Acknowledgment of SMUD Affirmation Pursuant to 10 CFR 72.16(b)

cc: Wendy Reed, NRC - five electronic copies of the entire submittal (i.e., five OSM#1 disks)
William Allen, NRC, (w/o enclosures)
Meraj Rahimi, NRC, (w/o enclosures)
Administrator, NRC Region IV (w/o enclosures)
Radiological Health Branch of the California State Department of Health Services (w/o enclosures)



Document Components:

001 Public Transmittal Letter.pdf, 1,179,958 bytes
002 Public Encl 1 TN Affidavit.pdf, 513,077 bytes
003 Public Encl 2 RSI and OBS responses.pdf, 139,117 bytes
004 SUNSI Encl 3 LRA proprietary version.pdf, 39,723,922 bytes, Proprietary
005 Public Encl 4 LRA public version.pdf, 40,069,370 bytes
006 SUNSI Encl 5 LRA TN Calc 502917-AMR03 R0.pdf, 14,080,233 bytes, Proprietary
007 SUNSI Encl 6 LRA TN Calc 502917-0501 R0.pdf, 12,908,834 bytes, Proprietary
008 SUNSI Encl 7 LRA TN Calc 502917-0201 R1.pdf, 2,329,648 bytes, Proprietary
009 SUNSI Encl 8 LRA TN Calc 502917-0200 R0.pdf, 5,350,755 bytes, Proprietary
010 SUNSI Encl 9 LRA TN Calc 502917-0500 R0.pdf, 12,336,954 bytes, Proprietary
011 Public Encl 10 CA Acknowledgment of SMUD Affirmation.pdf, 1,111,259 bytes

OSM#1 (Entire Submittal) (Disk):

001 Public Transmittal Letter.pdf, 1,179,958 bytes
002 Public Encl 1 TN Affidavit.pdf, 513,077 bytes
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OSM#2 (Public Information Only) (Disk):

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