



September 26, 2018
DPG 18-166

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 Information For 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: (1) NRC Conversation Record by Wendy Reed (NRC), Conference Call on September 12, 2018 with SMUD and TN Americas LLC to Discuss Request for Information to Facilitate NRC Staff Review of Application, ADAMS Accession # ML18267A013.

(2) Letter from Dan Tallman (SMUD) to Dan Layton (NRC), "RESPONSE TO REQUEST FOR SUPPLEMENTAL INFORMATION FOR ACCEPTANCE REVIEW OF THE APPLICATION FOR 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)," dated June 25, 2018

Dear Mr. Layton:

This submittal provides information requested by NRC Staff during the Reference #1 telephone conference call on September 12, 2018. Enclosures 2 through 7 provide computer input files, drawings, and supporting documentation for input parameters that were requested.

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



Enclosure 2 provides requested information referenced in Enclosure 6 of the Reference #2 transmittal. Enclosure 3 provides computer files referenced in Enclosure 9 of the Reference #2 transmittal. Enclosure 4 provides a justification for some of the input parameters used in Enclosure 9 of the Reference #2 transmittal that were requested by NRC staff during the conference call. A calculation referenced in Enclosure 4 is included for information in Enclosure 5. Enclosure 6 provides drawings cited in the footnotes to Table 2-6 of the License Renewal Application provided in Reference #2. Enclosure 7 provides drawings cited in the footnotes to Table 2-8 of the License Renewal Application. Enclosure 8 provides the scoping tables (Tables 2-6 through 2-9) and aging management review (AMR) results tables (Tables 3-3 through 3-6, Table 3-8 and Table 3-10) in MS-EXCEL format originally provided in Reference #2.

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.

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 information for the license renewal application under oath or affirmation (Enclosure 9). Accordingly, pursuant to 10 CFR 72.16(b), I declare under penalty of perjury that the information contained in SMUD letter DPG 18-166, "Response to Request for Information For 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,


Dan Tallman
Manager, Rancho Seco Assets



Enclosures:

1. TN Americas LLC Affidavit Pursuant to 10 CFR 2.390
2. Input Supporting TN Calculation 502917-0501, Revision 0 (Proprietary)
3. Computer Input Files Supporting TN Calculation 502917-0500, Revision 0 (Proprietary)
4. Justification for Input Parameters (Proprietary)
5. TN Calculation 60979-033, Revision 0 (Proprietary)
6. Drawings Cited in LRA Table 2-6 (Proprietary)
7. Drawings Cited in LRA Table 2-8 (Proprietary)
8. Scoping and AMR Results Tables in EXCEL Format (Proprietary)
9. 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, 2,677,208 bytes
002 Public Encl 1 TN Affidavit.pdf, 521,618 bytes
003 SUNSI Encl 2 Input for TN Calc 502917-0501, 135,117 bytes, Proprietary
004 SUNSI Encl 3 Computer Input-TN Calc 502917-0500, 148,154 bytes, Proprietary
005 SUNSI Encl 4 Justification for Input Parameters.pdf, 64,001 bytes, Proprietary
006 SUNSI Encl 5 TN Calc 60979-033 R0.pdf, 11,881,784 bytes, Proprietary
007 SUNSI Encl 6 Drawings Cited in LRA Table 2-6, 37,156,934, Proprietary
008 SUNSI Encl 7 Drawings Cited in LRA Table 2-8, 6,710,303, Proprietary
009 SUNSI Encl 8 Scoping and AMR Tables in EXCEL, 453,120, Proprietary
010 Public Encl 9 CA Acknowledgment of SMUD Affirmation.pdf, 1,104,265 bytes

OSM#1 (Entire Submittal) (Disk):

001 Public Transmittal Letter.pdf, 2,677,208 bytes
002 Public Encl 1 TN Affidavit.pdf, 521,618 bytes
003 SUNSI Encl 2 Input for TN Calc 502917-0501, 135,117 bytes, Proprietary
004 SUNSI Encl 3 Computer Input-TN Calc 502917-0500, 148,154 bytes, Proprietary
005 SUNSI Encl 4 Justification for Input Parameters.pdf, 64,001 bytes, Proprietary
006 SUNSI Encl 5 TN Calc 60979-033 R0.pdf, 11,881,784 bytes, Proprietary
007 SUNSI Encl 6 Drawings Cited in LRA Table 2-6, 37,156,934, Proprietary
008 SUNSI Encl 7 Drawings Cited in LRA Table 2-8, 6,710,303, Proprietary
009 SUNSI Encl 8 Scoping and AMR Tables in EXCEL, 453,120, Proprietary
010 Public Encl 9 CA Acknowledgment of SMUD Affirmation.pdf, 1,104,265 bytes

OSM#2 (Public Information Only) (Disk):

001 Public Transmittal Letter.pdf, 2,677,208 bytes
002 Public Encl 1 TN Affidavit.pdf, 521,618 bytes
010 Public Encl 9 CA Acknowledgment of SMUD Affirmation.pdf, 1,104,265 bytes