



INTERIM STORAGE PARTNERS

November 22, 2021
E-59638

Director, Division of Fuel Management
Office of Nuclear Material Safety and Safeguards
U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

Subject: Final Safety Analysis Report (FSAR) for the WCS Consolidated Interim Storage Facility, Docket 72-1050

Reference: 1. Letter from Shana R. Helton, Director Division of Fuel Management Office of Nuclear Material Safety and Safeguards, "Issuance Of Materials License No. SNM-2515 For The WCS Consolidated Interim Storage Facility Independent Spent Fuel Storage Installation (Docket No. 72-1050)," dated September 13, 2021

The referenced letter forwarded Materials License No. SNM-2515 to ISP for the WCS Consolidated Interim Storage Facility Independent Spent Fuel Storage, with a Date of Issuance of September 13, 2021. In accordance with 10 CFR 72.70(a)(1), Interim Storage Partners (ISP) LLC herewith submits an original FSAR for the WCS CISF. This Revision 0 version of the FSAR is based on the latest issued SAR (Revision 5) submitted with the application and reflects changes developed during the license review process.

This submittal includes proprietary information, which may not be used for any purpose other than NRC staff use of the FSAR. In accordance with 10 CFR 2.390, Enclosure 1 includes affidavits pursuant to 10 CFR 2.390 for ISP, TN Americas, and NAC International specifically requesting that the NRC withhold this proprietary information from public disclosure. This submittal also includes security-related information, which should be withheld under 10 CFR 2.390. The Proprietary version of the FSAR is provided as Enclosure 2. The public version is provided as Enclosure 3.

Should NRC staff have any questions or require additional information regarding this submittal, please contact Mr. Jack Boshoven, of my staff, by telephone at (410) 910-6955, or by email at jack.boshoven@orano.group.

I certify, under the penalty of perjury, that the entirety of the contents of this letter and of its enclosures is true and correct.

Executed on: November 22, 2021

Sincerely,

A handwritten signature in black ink, appearing to read 'JDI', with a stylized flourish extending to the right.

Jeffery D. Isakson
Chief Executive Officer/President
Interim Storage Partners LLC

cc: Jack Boshoven, ISP LLC
Elicia Sanchez, ISP LLC

Enclosures:

1. Affidavit Pursuant to 10 CFR 2.390
 - a. Interim Storage Partners
 - b. TN Americas
 - c. NAC International
2. Final Safety Analysis Report, Revision 0 (Proprietary Version)
3. Final Safety Analysis Report, Revision 0 (Public Version)

Document Components:

001 PUBLIC ISP Transmittal Letter.pdf, 293,729 bytes
002 PUBLIC Enc 1 Affidavits.pdf, 1,257,071 bytes
003 SUNSI Enc 2 FSAR Rev 0 01 of 17 Cover to Ch 2.pdf, 16,240,994 bytes, Proprietary
004 SUNSI Enc 2 FSAR Rev 0 02 of 17 Ch 2 Attach A.pdf, 12,559,016 bytes, Proprietary
005 SUNSI Enc 2 FSAR Rev 0 03 of 17 Ch 2 Attach B 1 of 5.pdf, 62,862,694 bytes, Proprietary
006 SUNSI Enc 2 FSAR Rev 0 04 of 17 Ch 2 Attach B 2 of 5.pdf, 74,155,863 bytes, Proprietary
007 SUNSI Enc 2 FSAR Rev 0 05 of 17 Ch 2 Attach B 3 of 5.pdf, 47,606,820 bytes, Proprietary
008 SUNSI Enc 2 FSAR Rev 0 06 of 17 Ch 2 Attach B 4 of 5.pdf, 88,371,823 bytes, Proprietary
009 SUNSI Enc 2 FSAR Rev 0 07 of 17 Ch 2 Attach B 5 of 5.pdf, 91,666,051 bytes, Proprietary
010 SUNSI Enc 2 FSAR Rev 0 08 of 17 Ch 2 Attach C.pdf, 10,015,590 bytes, Proprietary
011 SUNSI Enc 2 FSAR Rev 0 09 of 17 Ch 2 Attach D.pdf, 71,861,095 bytes, Proprietary
012 SUNSI Enc 2 FSAR Rev 0 10 of 17 Ch 2 Attach E.pdf, 14,624,903 bytes, Proprietary
013 SUNSI Enc 2 FSAR Rev 0 11 of 17 Ch 2 Attach F 1 of 3.pdf, 68,587,403 bytes, Proprietary
014 SUNSI Enc 2 FSAR Rev 0 12 of 17 Ch 2 Attach F 2 of 3.pdf, 72,479,286 bytes, Proprietary
015 SUNSI Enc 2 FSAR Rev 0 13 of 17 Ch 2 Attach F 3 of 3.pdf, 59,041,307 bytes, Proprietary
016 SUNSI Enc 2 FSAR Rev 0 14 of 17 Ch 2 Attach G.pdf, 32,980,779 bytes, Proprietary
017 SUNSI Enc 2 FSAR Rev 0 15 of 17 Ch 2 Attach H.pdf, 11,473,442 bytes, Proprietary
018 SUNSI Enc 2 FSAR Rev 0 16 of 17 Ch 3 to 15.pdf, 16,978,979 bytes, Proprietary
019 SUNSI Enc 2 FSAR Rev 0 17 of 17 Appendix A to H.pdf, 24,926,420 bytes, Proprietary
020 PUBLIC Enc 3 FSAR Rev 0 01 of 17 Cover to Ch 2.pdf, 16,926,259 bytes
021 PUBLIC Enc 3 FSAR Rev 0 02 of 17 Ch 2 Attach A.pdf, 12,559,016 bytes
022 PUBLIC Enc 3 FSAR Rev 0 03 of 17 Ch 2 Attach B 1 of 5.pdf, 62,862,721 bytes
023 PUBLIC Enc 3 FSAR Rev 0 04 of 17 Ch 2 Attach B 2 of 5.pdf, 74,155,863 bytes
024 PUBLIC Enc 3 FSAR Rev 0 05 of 17 Ch 2 Attach B 3 of 5.pdf, 47,606,852 bytes
025 PUBLIC Enc 3 FSAR Rev 0 06 of 17 Ch 2 Attach B 4 of 5.pdf, 88,371,788 bytes
026 PUBLIC Enc 3 FSAR Rev 0 07 of 17 Ch 2 Attach B 5 of 5.pdf, 91,666,055 bytes
027 PUBLIC Enc 3 FSAR Rev 0 08 of 17 Ch 2 Attach C.pdf, 10,015,595 bytes
028 PUBLIC Enc 3 FSAR Rev 0 09 of 17 Ch 2 Attach D.pdf, 835,398 bytes
029 PUBLIC Enc 3 FSAR Rev 0 10 of 17 Ch 2 Attach E.pdf, 14,624,844 bytes
030 PUBLIC Enc 3 FSAR Rev 0 11 of 17 Ch 2 Attach F 1 of 3.pdf, 68,587,404 bytes
031 PUBLIC Enc 3 FSAR Rev 0 12 of 17 Ch 2 Attach F 2 of 3.pdf, 72,479,287 bytes
032 PUBLIC Enc 3 FSAR Rev 0 13 of 17 Ch 2 Attach F 3 of 3.pdf, 59,041,307 bytes
033 PUBLIC Enc 3 FSAR Rev 0 14 of 17 Ch 2 Attach G.pdf, 32,980,793 bytes
034 PUBLIC Enc 3 FSAR Rev 0 15 of 17 Ch 2 Attach H.pdf, 11,473,446 bytes
035 PUBLIC Enc 3 FSAR Rev 0 16 of 17 Ch 3 to 15.pdf, 14,060,409 bytes
036 PUBLIC Enc 3 FSAR Rev 0 17 of 17 Appendix A to H.pdf, 19,074,311 bytes

OSM#1 (Entire Submittal):

001 PUBLIC ISP Transmittal Letter.pdf, 293,729 bytes
002 PUBLIC Enc 1 Affidavits.pdf, 1,257,071 bytes
003 SUNSI Enc 2 FSAR Rev 0 01 of 17 Cover to Ch 2.pdf, 16,240,994 bytes, Proprietary
004 SUNSI Enc 2 FSAR Rev 0 02 of 17 Ch 2 Attach A.pdf, 12,559,016 bytes, Proprietary
005 SUNSI Enc 2 FSAR Rev 0 03 of 17 Ch 2 Attach B 1 of 5.pdf, 62,862,694 bytes, Proprietary
006 SUNSI Enc 2 FSAR Rev 0 04 of 17 Ch 2 Attach B 2 of 5.pdf, 74,155,863 bytes, Proprietary
007 SUNSI Enc 2 FSAR Rev 0 05 of 17 Ch 2 Attach B 3 of 5.pdf, 47,606,820 bytes, Proprietary
008 SUNSI Enc 2 FSAR Rev 0 06 of 17 Ch 2 Attach B 4 of 5.pdf, 88,371,823 bytes, Proprietary

009 SUNSI Enc 2 FSAR Rev 0 07 of 17 Ch 2 Attach B 5 of 5.pdf, 91,666,051 bytes, Proprietary
010 SUNSI Enc 2 FSAR Rev 0 08 of 17 Ch 2 Attach C.pdf, 10,015,590 bytes, Proprietary
011 SUNSI Enc 2 FSAR Rev 0 09 of 17 Ch 2 Attach D.pdf, 71,861,095 bytes, Proprietary
012 SUNSI Enc 2 FSAR Rev 0 10 of 17 Ch 2 Attach E.pdf, 14,624,903 bytes, Proprietary
013 SUNSI Enc 2 FSAR Rev 0 11 of 17 Ch 2 Attach F 1 of 3.pdf, 68,587,403 bytes, Proprietary
014 SUNSI Enc 2 FSAR Rev 0 12 of 17 Ch 2 Attach F 2 of 3.pdf, 72,479,286 bytes, Proprietary
015 SUNSI Enc 2 FSAR Rev 0 13 of 17 Ch 2 Attach F 3 of 3.pdf, 59,041,307 bytes, Proprietary
016 SUNSI Enc 2 FSAR Rev 0 14 of 17 Ch 2 Attach G.pdf, 32,980,779 bytes, Proprietary
017 SUNSI Enc 2 FSAR Rev 0 15 of 17 Ch 2 Attach H.pdf, 11,473,442 bytes, Proprietary
018 SUNSI Enc 2 FSAR Rev 0 16 of 17 Ch 3 to 15.pdf, 16,978,979 bytes, Proprietary
019 SUNSI Enc 2 FSAR Rev 0 17 of 17 Appendix A to H.pdf, 24,926,420 bytes, Proprietary
020 PUBLIC Enc 3 FSAR Rev 0 01 of 17 Cover to Ch 2.pdf, 16,926,259 bytes
021 PUBLIC Enc 3 FSAR Rev 0 02 of 17 Ch 2 Attach A.pdf, 12,559,016 bytes
022 PUBLIC Enc 3 FSAR Rev 0 03 of 17 Ch 2 Attach B 1 of 5.pdf, 62,862,721 bytes
023 PUBLIC Enc 3 FSAR Rev 0 04 of 17 Ch 2 Attach B 2 of 5.pdf, 74,155,863 bytes
024 PUBLIC Enc 3 FSAR Rev 0 05 of 17 Ch 2 Attach B 3 of 5.pdf, 47,606,852 bytes
025 PUBLIC Enc 3 FSAR Rev 0 06 of 17 Ch 2 Attach B 4 of 5.pdf, 88,371,788 bytes
026 PUBLIC Enc 3 FSAR Rev 0 07 of 17 Ch 2 Attach B 5 of 5.pdf, 91,666,055 bytes
027 PUBLIC Enc 3 FSAR Rev 0 08 of 17 Ch 2 Attach C.pdf, 10,015,595 bytes
028 PUBLIC Enc 3 FSAR Rev 0 09 of 17 Ch 2 Attach D.pdf, 835,398 bytes
029 PUBLIC Enc 3 FSAR Rev 0 10 of 17 Ch 2 Attach E.pdf, 14,624,844 bytes
030 PUBLIC Enc 3 FSAR Rev 0 11 of 17 Ch 2 Attach F 1 of 3.pdf, 68,587,404 bytes
031 PUBLIC Enc 3 FSAR Rev 0 12 of 17 Ch 2 Attach F 2 of 3.pdf, 72,479,287 bytes
032 PUBLIC Enc 3 FSAR Rev 0 13 of 17 Ch 2 Attach F 3 of 3.pdf, 59,041,307 bytes
033 PUBLIC Enc 3 FSAR Rev 0 14 of 17 Ch 2 Attach G.pdf, 32,980,793 bytes
034 PUBLIC Enc 3 FSAR Rev 0 15 of 17 Ch 2 Attach H.pdf, 11,473,446 bytes
035 PUBLIC Enc 3 FSAR Rev 0 16 of 17 Ch 3 to 15.pdf, 14,060,409 bytes
036 PUBLIC Enc 3 FSAR Rev 0 17 of 17 Appendix A to H.pdf, 19,074,311 bytes

OSM#2 (Public Information Only):

001 PUBLIC ISP Transmittal Letter.pdf, 293,729 bytes
002 PUBLIC Enc 1 Affidavits.pdf, 1,257,071 bytes
020 PUBLIC Enc 3 FSAR Rev 0 01 of 17 Cover to Ch 2.pdf, 16,926,259 bytes
021 PUBLIC Enc 3 FSAR Rev 0 02 of 17 Ch 2 Attach A.pdf, 12,559,016 bytes
022 PUBLIC Enc 3 FSAR Rev 0 03 of 17 Ch 2 Attach B 1 of 5.pdf, 62,862,721 bytes
023 PUBLIC Enc 3 FSAR Rev 0 04 of 17 Ch 2 Attach B 2 of 5.pdf, 74,155,863 bytes
024 PUBLIC Enc 3 FSAR Rev 0 05 of 17 Ch 2 Attach B 3 of 5.pdf, 47,606,852 bytes
025 PUBLIC Enc 3 FSAR Rev 0 06 of 17 Ch 2 Attach B 4 of 5.pdf, 88,371,788 bytes
026 PUBLIC Enc 3 FSAR Rev 0 07 of 17 Ch 2 Attach B 5 of 5.pdf, 91,666,055 bytes
027 PUBLIC Enc 3 FSAR Rev 0 08 of 17 Ch 2 Attach C.pdf, 10,015,595 bytes
028 PUBLIC Enc 3 FSAR Rev 0 09 of 17 Ch 2 Attach D.pdf, 835,398 bytes
029 PUBLIC Enc 3 FSAR Rev 0 10 of 17 Ch 2 Attach E.pdf, 14,624,844 bytes
030 PUBLIC Enc 3 FSAR Rev 0 11 of 17 Ch 2 Attach F 1 of 3.pdf, 68,587,404 bytes
031 PUBLIC Enc 3 FSAR Rev 0 12 of 17 Ch 2 Attach F 2 of 3.pdf, 72,479,287 bytes
032 PUBLIC Enc 3 FSAR Rev 0 13 of 17 Ch 2 Attach F 3 of 3.pdf, 59,041,307 bytes
033 PUBLIC Enc 3 FSAR Rev 0 14 of 17 Ch 2 Attach G.pdf, 32,980,793 bytes
034 PUBLIC Enc 3 FSAR Rev 0 15 of 17 Ch 2 Attach H.pdf, 11,473,446 bytes
035 PUBLIC Enc 3 FSAR Rev 0 16 of 17 Ch 3 to 15.pdf, 14,060,409 bytes
036 PUBLIC Enc 3 FSAR Rev 0 17 of 17 Appendix A to H.pdf, 19,074,311 bytes