



INTERIM STORAGE PARTNERS

September 2, 2020
E-57342

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: Submission of Revision 4 of the Safety Analysis Report for the WCS CISF,
Docket 72-1050 CAC/EPID 001028/L-2017-NEW-0002

Reference: 1. Letter from Jeffery D. Isakson to Director, Division of Fuel
Management (NRC), "Submittal of Supplemental Information in
Support of ISP's Response to RAIs NP-2.6-3 and NP-4-4, Docket
72-1050 CAC/EPID 001028/L-2017-NEW-0002," E-57108, dated
July 21, 2020

Interim Storage Partners LLC (ISP) hereby submits Revision 4 of the Safety Analysis Report (SAR) for the WCS CISF. Revision 4 incorporates the changes submitted via Reference [1]. In addition to the changes submitted in Reference [1], the table of contents has been updated; Section 7.6.6 has been updated to replace "MAGNASTOR transport cask" with "MAGNATRAN transport cask" (4 places) for consistency (the MAGNASTOR transport cask and MAGNATRAN transport cask are the same cask); and Sections 9.2.2.2, 11.1 and 11.3 have been updated (1 place each) to make the leakage rate units consistent with those used in Chapter A.9 (std-cm³/sec is replaced with ref-cm³/sec).

The following enclosures are being submitted:

- Enclosure 1 includes affidavits pursuant to 10 CFR 2.390 for ISP, TN Americas, and NAC International.
- Enclosure 2 provides a proprietary version of SAR, Revision 4.
- Enclosure 3 provides a public version of Enclosure 2 (SAR Revision 4)

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

Sincerely,

 Digitally signed
by ISAKSON
Jeffery

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

cc: John-Chau Nguyen, Senior Project Manager, U.S. NRC
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. Safety Analysis Report, Revision 4 (Proprietary Version)
3. Safety Analysis Report, Revision 4 (Public Version)

Document Components:

001 PUBLIC ISP Transmittal Letter.pdf, 316,932 bytes
002 PUBLIC Enc 1 Affidavit.pdf, 3,261,251 bytes
003 SUNSI Enc 2 SAR Rev 4 01 of 17 Cover to Ch 2.pdf, 15,670,591 bytes, Proprietary
004 SUNSI Enc 2 SAR Rev 4 02 of 17 Ch 2 Attach A.pdf, 12,556,829 bytes, Proprietary
005 SUNSI Enc 2 SAR Rev 4 03 of 17 Ch 2 Attach B 1 of 5.pdf, 62,860,402 bytes, Proprietary
006 SUNSI Enc 2 SAR Rev 4 04 of 17 Ch 2 Attach B 2 of 5.pdf, 74,156,071 bytes, Proprietary
007 SUNSI Enc 2 SAR Rev 4 05 of 17 Ch 2 Attach B 3 of 5.pdf, 47,607,122 bytes, Proprietary
008 SUNSI Enc 2 SAR Rev 4 06 of 17 Ch 2 Attach B 4 of 5.pdf, 88,372,042 bytes, Proprietary
009 SUNSI Enc 2 SAR Rev 4 07 of 17 Ch 2 Attach B 5 of 5.pdf, 91,666,286 bytes, Proprietary
010 SUNSI Enc 2 SAR Rev 4 08 of 17 Ch 2 Attach C.pdf, 10,013,125 bytes, Proprietary
011 SUNSI Enc 2 SAR Rev 4 09 of 17 Ch 2 Attach D.pdf, 71,858,594 bytes, Proprietary
012 SUNSI Enc 2 SAR Rev 4 10 of 17 Ch 2 Attach E.pdf, 14,622,070 bytes, Proprietary
013 SUNSI Enc 2 SAR Rev 4 11 of 17 Ch 2 Attach F 1 of 3.pdf, 68,584,654 bytes, Proprietary
014 SUNSI Enc 2 SAR Rev 4 12 of 17 Ch 2 Attach F 2 of 3.pdf, 72,479,535 bytes, Proprietary
015 SUNSI Enc 2 SAR Rev 4 13 of 17 Ch 2 Attach F 3 of 3.pdf, 59,041,551 bytes, Proprietary
016 SUNSI Enc 2 SAR Rev 4 14 of 17 Ch 2 Attach G.pdf, 32,977,764 bytes, Proprietary
017 SUNSI Enc 2 SAR Rev 4 15 of 17 Ch 2 Attach H.pdf, 11,470,413 bytes, Proprietary
018 SUNSI Enc 2 SAR Rev 4 16 of 17 Ch 3 to 15.pdf, 17,701,536 bytes, Proprietary
019 SUNSI Enc 2 SAR Rev 4 17 of 17 Appendix A to H.pdf, 26,766,146 bytes, Proprietary
020 PUBLIC Enc 3 SAR Rev 4 01 of 17 Cover to Ch 2.pdf, 16,534,130 bytes
021 PUBLIC Enc 3 SAR Rev 4 02 of 17 Ch 2 Attach A.pdf, 12,556,829 bytes
022 PUBLIC Enc 3 SAR Rev 4 03 of 17 Ch 2 Attach B 1 of 5.pdf, 62,860,402 bytes
023 PUBLIC Enc 3 SAR Rev 4 04 of 17 Ch 2 Attach B 2 of 5.pdf, 74,156,071 bytes
024 PUBLIC Enc 3 SAR Rev 4 05 of 17 Ch 2 Attach B 3 of 5.pdf, 47,607,122 bytes
025 PUBLIC Enc 3 SAR Rev 4 06 of 17 Ch 2 Attach B 4 of 5.pdf, 88,372,042 bytes
026 PUBLIC Enc 3 SAR Rev 4 07 of 17 Ch 2 Attach B 5 of 5.pdf, 91,666,286 bytes
027 PUBLIC Enc 3 SAR Rev 4 08 of 17 Ch 2 Attach C.pdf, 10,013,125 bytes
028 PUBLIC Enc 3 SAR Rev 4 09 of 17 Ch 2 Attach D.pdf, 833,038 bytes
029 PUBLIC Enc 3 SAR Rev 4 10 of 17 Ch 2 Attach E.pdf, 14,622,070 bytes
030 PUBLIC Enc 3 SAR Rev 4 11 of 17 Ch 2 Attach F 1 of 3.pdf, 68,584,654 bytes
031 PUBLIC Enc 3 SAR Rev 4 12 of 17 Ch 2 Attach F 2 of 3.pdf, 72,479,535 bytes
032 PUBLIC Enc 3 SAR Rev 4 13 of 17 Ch 2 Attach F 3 of 3.pdf, 59,041,551 bytes
033 PUBLIC Enc 3 SAR Rev 4 14 of 17 Ch 2 Attach G.pdf, 32,977,764 bytes
034 PUBLIC Enc 3 SAR Rev 4 15 of 17 Ch 2 Attach H.pdf, 11,470,413 bytes
035 PUBLIC Enc 3 SAR Rev 4 16 of 17 Ch 3 to 15.pdf, 14,789,600 bytes
036 PUBLIC Enc 3 SAR Rev 4 17 of 17 Appendix A to H.pdf, 21,712,980 bytes

OSM#1 (Entire Submittal):

001 PUBLIC ISP Transmittal Letter.pdf, 316,932 bytes
002 PUBLIC Enc 1 Affidavit.pdf, 3,261,251 bytes
003 SUNSI Enc 2 SAR Rev 4 01 of 17 Cover to Ch 2.pdf, 15,670,591 bytes, Proprietary
004 SUNSI Enc 2 SAR Rev 4 02 of 17 Ch 2 Attach A.pdf, 12,556,829 bytes, Proprietary
005 SUNSI Enc 2 SAR Rev 4 03 of 17 Ch 2 Attach B 1 of 5.pdf, 62,860,402 bytes, Proprietary
006 SUNSI Enc 2 SAR Rev 4 04 of 17 Ch 2 Attach B 2 of 5.pdf, 74,156,071 bytes, Proprietary
007 SUNSI Enc 2 SAR Rev 4 05 of 17 Ch 2 Attach B 3 of 5.pdf, 47,607,122 bytes, Proprietary
008 SUNSI Enc 2 SAR Rev 4 06 of 17 Ch 2 Attach B 4 of 5.pdf, 88,372,042 bytes, Proprietary
009 SUNSI Enc 2 SAR Rev 4 07 of 17 Ch 2 Attach B 5 of 5.pdf, 91,666,286 bytes, Proprietary

010 SUNSI Enc 2 SAR Rev 4 08 of 17 Ch 2 Attach C.pdf, 10,013,125 bytes, Proprietary
011 SUNSI Enc 2 SAR Rev 4 09 of 17 Ch 2 Attach D.pdf, 71,858,594 bytes, Proprietary
012 SUNSI Enc 2 SAR Rev 4 10 of 17 Ch 2 Attach E.pdf, 14,622,070 bytes, Proprietary
013 SUNSI Enc 2 SAR Rev 4 11 of 17 Ch 2 Attach F 1 of 3.pdf, 68,584,654 bytes, Proprietary
014 SUNSI Enc 2 SAR Rev 4 12 of 17 Ch 2 Attach F 2 of 3.pdf, 72,479,535 bytes, Proprietary
015 SUNSI Enc 2 SAR Rev 4 13 of 17 Ch 2 Attach F 3 of 3.pdf, 59,041,551 bytes, Proprietary
016 SUNSI Enc 2 SAR Rev 4 14 of 17 Ch 2 Attach G.pdf, 32,977,764 bytes, Proprietary
017 SUNSI Enc 2 SAR Rev 4 15 of 17 Ch 2 Attach H.pdf, 11,470,413 bytes, Proprietary
018 SUNSI Enc 2 SAR Rev 4 16 of 17 Ch 3 to 15.pdf, 17,701,536 bytes, Proprietary
019 SUNSI Enc 2 SAR Rev 4 17 of 17 Appendix A to H.pdf, 26,766,146 bytes, Proprietary
020 PUBLIC Enc 3 SAR Rev 4 01 of 17 Cover to Ch 2.pdf, 16,534,130 bytes
021 PUBLIC Enc 3 SAR Rev 4 02 of 17 Ch 2 Attach A.pdf, 12,556,829 bytes
022 PUBLIC Enc 3 SAR Rev 4 03 of 17 Ch 2 Attach B 1 of 5.pdf, 62,860,402 bytes
023 PUBLIC Enc 3 SAR Rev 4 04 of 17 Ch 2 Attach B 2 of 5.pdf, 74,156,071 bytes
024 PUBLIC Enc 3 SAR Rev 4 05 of 17 Ch 2 Attach B 3 of 5.pdf, 47,607,122 bytes
025 PUBLIC Enc 3 SAR Rev 4 06 of 17 Ch 2 Attach B 4 of 5.pdf, 88,372,042 bytes
026 PUBLIC Enc 3 SAR Rev 4 07 of 17 Ch 2 Attach B 5 of 5.pdf, 91,666,286 bytes
027 PUBLIC Enc 3 SAR Rev 4 08 of 17 Ch 2 Attach C.pdf, 10,013,125 bytes
028 PUBLIC Enc 3 SAR Rev 4 09 of 17 Ch 2 Attach D.pdf, 833,038 bytes
029 PUBLIC Enc 3 SAR Rev 4 10 of 17 Ch 2 Attach E.pdf, 14,622,070 bytes
030 PUBLIC Enc 3 SAR Rev 4 11 of 17 Ch 2 Attach F 1 of 3.pdf, 68,584,654 bytes
031 PUBLIC Enc 3 SAR Rev 4 12 of 17 Ch 2 Attach F 2 of 3.pdf, 72,479,535 bytes
032 PUBLIC Enc 3 SAR Rev 4 13 of 17 Ch 2 Attach F 3 of 3.pdf, 59,041,551 bytes
033 PUBLIC Enc 3 SAR Rev 4 14 of 17 Ch 2 Attach G.pdf, 32,977,764 bytes
034 PUBLIC Enc 3 SAR Rev 4 15 of 17 Ch 2 Attach H.pdf, 11,470,413 bytes
035 PUBLIC Enc 3 SAR Rev 4 16 of 17 Ch 3 to 15.pdf, 14,789,600 bytes
036 PUBLIC Enc 3 SAR Rev 4 17 of 17 Appendix A to H.pdf, 21,712,980 bytes

OSM#2 (Public Information Only):

001 PUBLIC ISP Transmittal Letter.pdf, 316,932 bytes
002 PUBLIC Enc 1 Affidavit.pdf, 3,261,251 bytes
020 PUBLIC Enc 3 SAR Rev 4 01 of 17 Cover to Ch 2.pdf, 16,534,130 bytes
021 PUBLIC Enc 3 SAR Rev 4 02 of 17 Ch 2 Attach A.pdf, 12,556,829 bytes
022 PUBLIC Enc 3 SAR Rev 4 03 of 17 Ch 2 Attach B 1 of 5.pdf, 62,860,402 bytes
023 PUBLIC Enc 3 SAR Rev 4 04 of 17 Ch 2 Attach B 2 of 5.pdf, 74,156,071 bytes
024 PUBLIC Enc 3 SAR Rev 4 05 of 17 Ch 2 Attach B 3 of 5.pdf, 47,607,122 bytes
025 PUBLIC Enc 3 SAR Rev 4 06 of 17 Ch 2 Attach B 4 of 5.pdf, 88,372,042 bytes
026 PUBLIC Enc 3 SAR Rev 4 07 of 17 Ch 2 Attach B 5 of 5.pdf, 91,666,286 bytes
027 PUBLIC Enc 3 SAR Rev 4 08 of 17 Ch 2 Attach C.pdf, 10,013,125 bytes
028 PUBLIC Enc 3 SAR Rev 4 09 of 17 Ch 2 Attach D.pdf, 833,038 bytes
029 PUBLIC Enc 3 SAR Rev 4 10 of 17 Ch 2 Attach E.pdf, 14,622,070 bytes
030 PUBLIC Enc 3 SAR Rev 4 11 of 17 Ch 2 Attach F 1 of 3.pdf, 68,584,654 bytes
031 PUBLIC Enc 3 SAR Rev 4 12 of 17 Ch 2 Attach F 2 of 3.pdf, 72,479,535 bytes
032 PUBLIC Enc 3 SAR Rev 4 13 of 17 Ch 2 Attach F 3 of 3.pdf, 59,041,551 bytes
033 PUBLIC Enc 3 SAR Rev 4 14 of 17 Ch 2 Attach G.pdf, 32,977,764 bytes
034 PUBLIC Enc 3 SAR Rev 4 15 of 17 Ch 2 Attach H.pdf, 11,470,413 bytes
035 PUBLIC Enc 3 SAR Rev 4 16 of 17 Ch 3 to 15.pdf, 14,789,600 bytes
036 PUBLIC Enc 3 SAR Rev 4 17 of 17 Appendix A to H.pdf, 21,712,980 bytes