



Orano NCS GmbH, Margarete-von-Wrangell-Straße 7, D-63457 Hanau

Mr. Pierre M. Saverot
Project Manager
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety and
Safeguards
U.S. Nuclear Regulatory Commission
Two White Flint North - Mail Stop T4-B34
11545 Rockville Pike Rockville, MD 20852-
2738
USA

Orano NCS GmbH

Ansprechpartner	Yara van Wijk
Abteilung	
Telefon	+49 6181 501 353
Telefax	
E-Mail	yara.vanwijk@orano-ncs.com
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Your reference: Docket No. 71-9388 and EPID No. L2020-NEW-0003

Our reference: 0045-SVK-2021-004

Subject: Answers to RSIs for the review of the DN30-X package

Dear Mr. Saverot,

This letter is in response to your request for supplemental information (RSI, reference Docket No. 71-9388, EPID No. L2020-NEW-0003) from September 22nd, 2021.

RSI-1:

We have revised Section 1.3 "Specification of the Radioactive Contents" in the SAR. Instead of explicitly indicating the exceptions to ASTM C996, we have decided to thoroughly define the allowed contents in a self-contained way. ASTM C996 is only referred to for in-depth information or discussion.

We have revised Section 1.4.2.1.4 "Additional provisions to ANSI N14.1" in the SAR. This section lists the additional provisions (CCS and larger weld backing bar) the 30B-X cylinder has compared to a standard 30B cylinder, as well as explains their safety aspects.

RSI-2:

We have revised Sections 1.3.2.1 "Permissible Mass of UF₆" and 1.7.4.1 "Filling and Emptying of the 30B-X Cylinder with UF₆" in the SAR.

1.3.2.1: A note has been added to justify the maximum heel quantities for the 30B-10 and 30B-20 cylinders.

1.7.4.1: The potential impact of adding the internal CCS on filling, emptying and washing operations of the 30B-X cylinder is discussed.

Orano NCS GmbH, Margarete-von-Wrangell-Straße 7, 63457 Hanau, Deutschland

Telefon: +49 (0) 61 81 501-0, Telefax: +49 (0) 61 81 57 36 92, E-Mail: info.ncs@orano-ncs.com, www.orano-ncs.com

Sitz der Gesellschaft: Hanau, RG Hanau HR B 4428, USt-Id.-Nr. DE113574961, Gerichtsstand: Hanau, Geschäftsführer: Olaf Oldiges

Bankverbindung: Société Générale Frankfurt (BLZ 512 108 00), Konto: 1095013031, SWIFT: SOGEDEFF, IBAN: DE 45 5121 0800 1095 0130 31

Aufträge werden auf Grundlage unserer Allgemeinen Geschäftsbedingungen übernommen. Diese stehen Ihnen auf Wunsch zur Verfügung.

RSI-3:

We have revised Section 1.3 "Specification of the radioactive contents" in the SAR.

We have indicated that HALEU shall be enriched from Commercial Natural UF₆, and that neither Reprocessed nor Derived Enriched UF₆ shall be used.

O-1:

We have revised Table 1-11 "Material specification of interior CCS of the 30B-X cylinder" in the SAR, as well as Points 6 to 8 in Section 6.1.2 "Materials" of the Specification and the Parts List of the 30B-10 and 30B-20 Cylinder. The test temperature and the minimally required energy absorption (acceptance criteria) for the Charpy V-notch impact tests has been added, and we have changed the material for the CCR pipes.

– Sincerely,

Orano NCS GmbH



Franz Hilbert
COO



Yara van Wijk
Project Manager

Attached:

- SAR of the DN30-X package, 0045-BSH-2020-001-Rev1
- Specification of the 30B-X cylinder, 0045-SPZ-2021-001-Rev1, PROPRIETARY
- Drawings and Parts list of the 30B-10 cylinder, 0045-STL-1000-000-Rev1
- Drawings and Parts list of the 30B-20 cylinder, 0045-STL-2000-000-Rev1