

Summary of Proposed Changes (SOPC) for LAR 9378-0

Few additional changes are made to the HI-STAR 100MB SAR outside of the RAI responses in Revision 1 of the SAR. Below is a list of additional changes to the SAR. Additional minor editorial changes were made for clarity and consistency throughout the SAR. All changes in the SAR are marked appropriately with revision bars and listed in the SAR's Summary of Revision section.

Changes to HI-STAR 100MB SAR

Proposed Change #1

Revise Metamic-HT specific heat property value at 100°C in SAR Table 1.5.2 to reflect 832.3 J/kg-°C. The proposed change corrects an editorial inconsistency in the HI-STAR 100MB SAR. However, due to this inconsistency, the thermal evaluation of the cask was performed using a specific heat of 823.3 J/kg-°C for 100°C. The proposed change will change this value to 832.3 J/kg-°C. Since the cask was evaluated at a specific heat lower than the change's value, the thermal evaluation will remain bounding/conservative.

Proposed Change #2

Remove Section 2.3.2, bullet point 7, paragraph 2. This paragraph of visual inspection of the internal surfaces is not an ASME Code NB requirement, and doesn't need to be performed.

Proposed Change #3

Editorial correction of the HI-STAR 100MB ASME code year references. The HI-STAR 100MB is designed to ASME Boiler & Pressure Vessel Code with the code year of 2015. To provide consistency throughout the SAR, the corrections are made in the SAR's Reference Sections 1.7, 4.11, and 8.4.

Proposed Change #4

Editorial correction to the ASME article referenced in Section 8.1.5.5, Test (iv).2, for visual examination acceptance. This replaces a typographical error of the ASME Subsection NB Article 5362.

Proposed Change #5

Editorial correction to the ASTM E208 code year referenced in Table 8.1.5, Note 1. This editorial change made to align the ASTM E208 code year with the year referenced in ASME Section III, Subsection NCA, 2015 Edition.

Proposed Change #6

To provide clarity in the approved contents allowable cooling times, the format of Tables 7.7.6(a), 7.7.6(b), and 7.7.6(c) are revised.

Drawing Change Log

[PROPRIETARY INFORMATION WITHHELD PER 10CFR2.390]