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Ihre Zeichen / Nachricht vom
Your ref. / message
USA/9362/AF-96

Unser Zeichen / Nachricht vom
Our ref. / message
0023-SVK-2019-023

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Hanau, October 17, 2019

Subject: Securing bolt of the closure devices of the DN30 PSP

Dear Mr. Saverot,

This is to apply for a small change at the closure devices.

During our training phase with a client of the DN30 PSPs, we noticed that the M16 bolts securing the pins in the closure devices could not always be fastened because some of them were slightly too long and therefore touched the upper part of the head of the pin. Measurements showed that these bolts were 0.5 mm longer than indicated in drawing 0023-ZFZ-1000-103-Rev0.

Moreover, it was discovered that the tightening torque of 80 Nm for these securing bolts indicated in the handling instructions was not enough to allow for a similar or higher loosening torque with the combination of the bolt and closure device materials.

Therefore, two more small changes had to be made to the DN30 package without having any safety impact:

- Adjusting the length of the securing bolts from 52 mm to 50 mm to accommodate manufacturing tolerances (drawing 0023-ZFZ-1000-103-Rev1)
- Correcting the tightening torque of these bolts from 80 Nm to 150 Nm (handling instructions 0023-HA-2015-001-Rev6) as explained in calculation report 0023-BBR-2019-006-Rev0

Moreover, a few questions were raised by the German BAM for the validation of the French certificates, which lead us to revise the dose rate measurement and inspection instructions.

To complete our request for revision (Rev2) of the certificate of compliance USA/9362/AF-96, we have included a list below with all documents attached:

- App 1.4.1 – 0023-STL-1000-000-Rev6 – Parts list and drawings [PROPRIETARY]
 - 0023-ZFZ-1000-103-Rev1 – Securing bolt
- App 1.7.1 – 0023-HA-2015-001-Rev6 – Use and Handling
 - Adjustment of the tightening torque of the securing bolts
- App 1.7.2 – 0023-PA-2015-017-Rev2 – Contamination and Dose rate measurement [PROPRIETARY]
 - Updated illustrations for measurements
- App 1.8.1 – 0023-PA-2015-015-Rev4 – Periodical inspections
 - Rework of the soap bubble test
 - Standards added to test criteria
- App 1.8.2 – 0023-PA-2015-016-Rev4 – Inspection criteria
 - Small corrections
- Calculation report 0023-BBR-2019-006-Rev0 [PROPRIETARY]

We would be grateful if you could treat our application with priority.

Sincerely,
DAHER NUCLEAR TECHNOLOGIES GmbH

A blue ink signature of Franz Hilbert, consisting of a stylized 'F' and 'H' intertwined.

Franz Hilbert
COO

A blue ink signature of Yara van Wijk, consisting of a stylized 'Y' and 'W' intertwined.

Yara van Wijk
Project Manager