

TELEPHONE CALL SUMMARY

Subject: Centrus-American Centrifuge Operating, LLC (ACO) License Amendment Application for Digital I&C Items Relied On For Safety (IROFS)

Date: January 4, 10 and 13, 2022

Call Participants:

American Centrifuge Operating (ACO) –Ray Fischels, Rob Jacobs, Dave Coburn, Steve Poirier, Jeff Cooper

Nuclear Regulatory Commission (NRC) – Yawar Faraz, Dave Rahn, Mike Call, Jenny Tobin

January 4th

The NRC staff opened the conference call by explaining the basis for their intended concerns regarding License Condition (LC) 19. The NRC staff pointed out that there are three digital IROFS change categories for which prior NRC review and approval is needed. These are:

- a) IROFS that have been approved by the NRC staff to implement digital technology in at least one component of the IROFS, but for which the licensee wants to implement additional components using digital technology,
- b) IROFS that currently do not contain equipment using any digital technology but for which the licensee wishes to introduce digital technology, and
- c) IROFS that have at least one component that implements digital technology, but for which the licensee wishes to add or alter the characteristics of that digital technology.

Following this, potential changes to the wording in LC 19 were discussed. At the end of the call, ACO indicated that it would consider the various proposed changes to LC 19 discussed during the call and get back to the NRC.

January 10th

Based on a request from ACO, a second conference call was arranged to discuss ACO's proposed change to LC 19. The participants were unable to come to a common understanding on the wording of LC 19 to effectively require ACO to submit all significant digital I&C related changes to IROFS to the NRC for review and approval.

January 13th

ACO and NRC staff continued their discussion on how to adequately address the three change categories listed above in LC 19. At the end of the discussion, ACO and NRC staff reached a common understanding on the revised wording for LC 19. ACO staff indicated that they would submit the revised LC 19 on the docket for NRC review before the end of January 2022. NRC staff indicated that it would document the three change categories in its Safety Evaluation Report (SER) for the Digital I&C IROFS amendment. The NRC staff would also add language in its SER clarifying what would constitute a significant change to the characteristics of digital technology already implemented in IROFS such that the change would require NRC review and approval. ACO indicated that once the amendment is issued, they would incorporate the three change categories with the additional clarification discussed above in their procedure for

Enclosure

determining whether a change in an IROFS involving digital I&C needs to be submitted to the NRC for review and approval.

PRINCIPAL CONTRIBUTORS

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