Impact of Changes in DOE Orders and Standards

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2019 ANS Winter Meeting
November 18, 2019

SRNS-MS-2019-00217
Drivers for Change

- Aligning the CS Program with DOE Orders, DOE STDs, and ANS-8 STDs is an ongoing process
  - DOE O 420.1B
  - DOE O 420.1C, Chg 1, Chg 2
  - DOE-STD-3009-2014
    - CSSG supported effort to provide improved guidance for functional classification of criticality safety controls
    - The CSSG support this effort related to DOE-STD-3009 in 2011-2014
  - DOE-STD-3007-2017
    - Identified need to update DOE-STD-3007 to align and provide guidance
    - The CSSG supported this effort in 2015-2017
SRNS Implementation

• First CS Program Description Document for SRS in 2009
  – DOE O 420.1B
  – Functional Classification of CS Controls first implemented in 2009
  – Prescriptive method based on alignment with DOE-STD-3009-94
  – Significant effort by facilities to implement.

• DOE O 420.1C
  – CSP updated to ANS-8.1-2014

• DOE O 420.1C Chg 1
  – New ANS-8 Stds (8.10, 8.15, 8.19)
  – Referenced STD-3009-2014
  – Inconsistencies between 3009 and 3007
  – Did not change functional classification methodology
SRNS Implementation – cont.

• DOE O 420.1C Chg 2
  – New ANS-8 Stds (8.24, 8.27)
  – Proceeding down implementation path
  – S/RIDs modified
  – CS Program Description Document being revised (6th version)
    • 3009 and 3007 now aligned
    • Revising functional classification method to align with 3009 & 3007
  – Criticality Safety Manual being revised