NEI 17-06 Changes
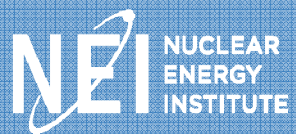
Draft B vs Rev 0

14 May 2021

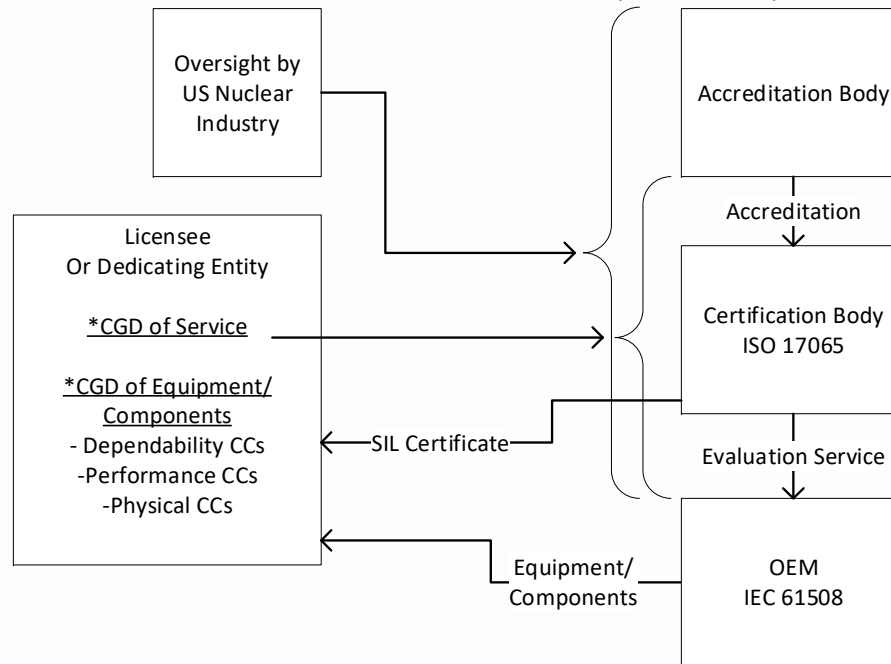# Overview of NEI 17-06 Changes
Draft B versus Revision 0

- Incorporated comments, reorganized, and clarified information throughout document

- Updates to Section 4- Acceptance of Commercial Grade, SIL Certified, Digital Equipment for Nuclear Safety Applications

- Addition of new Section 5- NEI Evaluation of the Accreditation Process

- Updates to Section 6- Dedicating Entity's Quality Assurance Program

Overall Methodology

NEI

Dedication of a Programmable Digital Device with
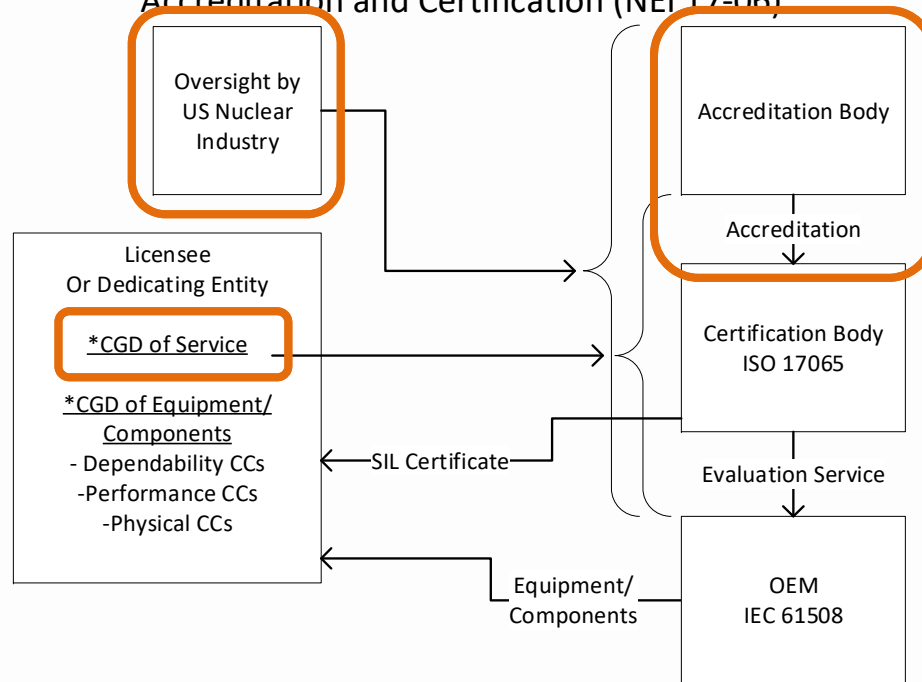Accreditation and Certification (NEI 17-06)

*Note that CGD activities include a technical evaluation

Overall Methodology

NEI

Dedication of a Programmable Digital Device with Accreditation and Certification (NEI 17-06)

*Note that CGD activities include a technical evaluation

Changes to Section 4 of NEI 17-06

- Incorporated use of the services CGD for certifying body

- Added new Section 4.2- Determination of SIL for End User's Application

Addition of New Section 5 to NEI 17-06

- Described NEI's evaluation of the accreditation process

- Provided the results of a comparison between a CGS and an accreditation

- Provided results of NEI's observation of the accreditation process

- Presented the supplemental accreditation checklist as a compensating measure

Changes to Section 6 of NEI 17-06

- Formerly was Section 5

- Title change to Section 6.3 (formerly 5.3)

- Clarified how to implement this new methodology from a QA perspective