



HITACHI

GE Hitachi Nuclear Energy

Michelle P. Catts
Senior Vice President
Nuclear Programs
3901 Castle Hayne Road
P.O. Box 780 M/C A-18
Wilmington, NC 28402
USA

T 910 200-9836
Michelle.Catts@ge.com

M210150

Docket Number: 71-0254
Project Number: 710

November 16, 2021

ATTN: Document Control Desk
Director, Division of Reactor Oversight
Office of Nuclear Reactor Regulation
Director, Division of Fuel Management
Office of Nuclear Material Safety and Safeguards
US Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Pre-application Presentation Slides for Amendment to NEDO-11209-A Revision 16,
GE Hitachi Nuclear Energy Quality Assurance Program Description

Enclosed are the presentation slides for the pre-application meeting to be held on Wednesday,
November 17, 2021.

If there are any questions, please contact me or Mark Gerdes (mark.gerdes@ge.com; 910-232-1409).

Sincerely,

Michelle P. Catts

Michelle P. Catts
Senior Vice President Nuclear Programs
GE-Hitachi Nuclear Energy Americas, LLC

Enclosure:

GEH QAPD NEDO-11209 Revision 17, Pre-Application Meeting Presentation Slides

cc:

E. Lenning, NRC, NRR/DORL/LLPB
D. Morey, NRC, Chief NRR/DORL/LLPB
K. Kavanagh, NRC, Chief NRR/DRO/IQVB
C. Miller, NRC, Director NRR/DRO
A. Kock, NRC, Director NMSS/DFM
J. McKirgan, NRC, Chief NMSS/DFM/STLB
M. Catts, GEH Wilmington
C. Alonso, GEH Wilmington
S. Griffin, GEH Wilmington
M. Gerdes, GEH Wilmington

ENCLOSURE 1

M210150

GEH QAPD NEDO-11209 Revision 17, Pre-Application Meeting
Presentation Slides

Non-Proprietary Information



HITACHI

GE Hitachi, Quality Assurance Program Description, QAPD NEDO-11209 Revision 17

- Pre-Application Meeting

17-NOV-2021

Pre-Application Meeting Agenda/Purpose

- Introductions
- Safety Minute
- Discuss proposed Revision 17 to GEH QAPD – NEDO-11209-A Revision 16
 - QAPD Structure
 - Revision 17 Details
- Q&A

The below table lists Acronyms used in this presentation:

Acronym	Term	Acronym	Term
GEH	GE Hitachi Nuclear Energy	IEC	International Electrotechnical Commission
QAPD	Quality Assurance Program Description	ISO	International Standards Organization
NEDO	Nuclear Energy Document (GEH Classification as Public)	NQA	Nuclear Quality Assurance
ASME	American Society of Mechanical Engineers	SMR	Small Modular Reactor
EPRI	Electrical Power Research Institute	TR	Technical Report



GEH QAPD - NEDO-11209 - Structure

PART I - Introduction

- Defines the Scope and Applicability of the QAPD

PART II - QAPD Details

- Defines the Quality Program aligned to the 18 Criteria of 10 CFR 50 App. B

PART III - Supplemental Details (Not reviewed by the NRC)

- Defines the Quality Program aligned to ISO 9001

PART IV - Regulatory Commitments

- Defines the Regulatory Commitments and Standards committed to in Part I, II, and III
- Provides “Position” statements to clarify commitments, as applicable



GEH QAPD - NEDO-11209 Revision 17 - Details

Policy Statement:

- Complete re-write for NEDO alignment with the GEH Policy and ASME Program Policy

PART I - Introduction:

- Added the new GEH business unit for Small Modular Reactors (SMR), **GEH SMR Canada**

PART II – QAPD Details:

- Section 7 – Control of Purchased Materials, Equipment and Services:
 - References to ISO/IEC 17025:2005, “*General Requirements for the Competence of Testing and Calibration Laboratories*”, have been replaced with references to ISO/IEC 17025:2017
 - Add details pertaining to NEI-14-05A, “*Guidelines for the Use of Accreditation in Lieu of Commercial Grade Surveys for Procurement of Laboratory Calibration and Test Services*”, Revision 1, Dated September 2020
- Section 12 – Control of Measuring and Test Equipment:
 - Update section 12.3.5 to align with NQA-1-2015, Requirement 12, Section 302, “*Reference Standards*”
- Section 18 – Audits:
 - Add details per EPRI TR 3002020796, “*Planning and Conducting Audits and Surveys Using Remote Techniques During Exigent Conditions*”, for performance of fully remote or provisional remote audits/surveys during exigent conditions

PART IV – QAPD Regulatory Commitments:

- Section 7 – Control of Purchased Materials, Equipment and Services:
 - Add commitment to EPRI TR 3002020796, “*Planning and Conducting Audits and Surveys Using Remote Techniques During Exigent Conditions*”
 - Update commitment to NEI-14-05A, “*Guidelines for the Use of Accreditation in Lieu of Commercial Grade Surveys for Procurement of Laboratory Calibration and Test Services*”, Revision 1, Dated September 2020

All Parts and Sections:

- General formatting and editorial changes; no requirements changes or technical changes



HITACHI

GEH QAPD - NEDO-11209 Revision 17 - Schedule

TOPIC	DATE
Pre-Application Meeting	Nov. 17, 2021
Submittal of QAPD NEDO-11209 Rev. 17 (DRAFT) to NRC	Nov. 22, 2021
Anticipated QAPD Approval by NRC	March 2022



Q&A



HITACHI