



Lesa P. Hill
BWROG Chairman
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BWROG-16008
July 13, 2016

Project No. 691

Mr. Victor Cusumano
Safety Issues Resolution Branch Chief
Division of Safety Systems
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

SUBJECT: Submittal of Strategic Schedule to Support NEDC-33608-P Review
by NRC Staff

REFERENCE:

1. BWROG Letter, BWROG-13032 dated June 28, 2013, Submittal of Responses to Supplemental RAIs Associated with Boiling Water Reactor Owners' Group (BWROG) Licensing Topical Report NEDC 33608P, "Boiling Water Reactor Emergency Core Cooling Suction Strainer In-Vessel Downstream Effects"
2. NRC Letter, ML102290064 dated August 2, 2010, from Mr. J.E. Dyer to Mr. Frederick P. Schiffley regarding waiver of NRC review fees in accordance with 10 CFR 170.11(a)(1)(ii)

Dear Mr. Cusumano:

Enclosed for NRC Staff utilization is the first working copy of the strategic schedule to support review and BWROG disposition of activities associated with Reference 1. The activities listed in Enclosure 1 are related to planning and execution of four (4) Benchtop Tests (BT); associated support activities and receipt of a final Safety Evaluation (SE) report.

The strategic schedule spans a period from 1Q 2016 to 4Q 2018. Our respective Project Management teams are encouraged to continue development and execution of NEDC-33608-P related scope, to support disposition in a mutually agreeable and timely manner. BWROG-initiated and NRC-initiated revisions to the schedule are expected to occur as a matter of course; the BWROG will continue to communicate regularly with your team to schedule public meetings and audit sessions, to effectively process adjustments to scope and schedule, as necessary.

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NR2

BWROG-16008
July 13, 2016
Page 2

In accordance with the provisions of 10 CFR 170.11(a)(1)(ii), the BWROG requests the waiver of NRC review fees associated with this project, as captured in Reference 2.

We look forward to continued cooperation regarding the ECCS Suction Strainer project scope.

Respectfully,

A handwritten signature in black ink that reads "Lesa P. Hill". The signature is written in a cursive, flowing style.

Lesa P. Hill
BWROG Chairman
(205) 992-5727

cc: J. J. Drake, US NRC Project Manager
BWROG Executive Committee
BWROG Primary Representatives
BWROG ECCS SS Committee
M. A. Iannantuono, BWROG Program Manager

Commitments: None

ENCLOSURES

1. 2016 – 2018 NEDC-33608-P Strategic Schedule, (GEH Class I - Public)

ENCLOSURE 1

2016 – 2018 NEDC-33608-P Strategic Schedule, (GEH Class I - Public)

Enclosure 1: 2016 – 2018 NEDC-33608-P Strategic Schedule, (GEH Class I - Public) [2016]					
Item	Approx. Span	Approx. Start	Approx. Finish	Expected Output	Output Owner
Benchtop Testing (BT) Roadmap	3 Months	February 2016	April 2016	Informally provided from BWROG [Completed]	BWROG
NRC Provides NEDC-33608-P RAI Round 3 (Partial)	7 Months	February 2016	August 2016	Formal RAI Posting to ADAMS	NRC
BT4 NRC Staff Comments	3 Month	June 2016	August 2016	Preliminary Comments Emailed to BWROG; Final Version Posted to ADAMS	NRC
Test Debris Specification	N/A - In Progress	N/A - In Progress	September 2016	Formal BWROG Submittal	BWROG
Document Review & Project Update Public Meeting	1 Day	September 2016	September 2016	Late September Public Meeting	BWROG
BT4 Revised Test Plan	3 Month	August 2016	October 2016	Formal BWROG Submittal	BWROG
BWROG Response to RAI Round 3	3 Months	August 2016	October 2016	Formal BWROG Submittal	BWROG
Test Debris Specification NRC Staff Comments	2 Month	October 2016	November 2016	Preliminary Comments Emailed to BWROG; Final Version Posted to ADAMS	NRC
BWROG Response to RAI Round 3	2 Months	October 2016	November 2016	Formal BWROG Submittal	BWROG
BT2 Test Plan NRC Staff Comments	1 Month	December 2016	December 2016	Preliminary Comments Emailed to BWROG; Final Version Posted to ADAMS	NRC
2016 EOY Public NRC Meeting ▲	1 Day	December 7, 2016	December 7, 2016	Traditional EOY Update / 2017 Strategic Planning Meeting ▲	BWROG

▲ – 2017 “Item” & “Start / Finish” details expected to be proposed at the 2016 end-of-year (EOY) status & update meeting

Enclosure 1: 2016 – 2018 NEDC-33608-P Strategic Schedule, (GEH Class I - Public) [2017]					
Item	Approx. Span	Approx. Start	Approx. Finish	Expected Output	Output Owner
BT2 Revised Test Plan	TBD ▲	TBD ▲	TBD ▲	Formal BWROG Submittal	BWROG
BT2 Testing Results Report	TBD ▲	TBD ▲	TBD ▲	Formal BWROG Submittal	BWROG
BT2 Results NRC Staff Comments	TBD ▲	TBD ▲	TBD ▲	Preliminary Comments Emailed to BWROG; Final Version Posted to ADAMS	NRC
BT4 Testing Results Reports	TBD ▲	TBD ▲	TBD ▲	Formal BWROG Submittal	BWROG
Alden Lab LTP Exploratory Runs Observation / Tour	TBD ▲	TBD ▲	TBD ▲	Observation Runs / Tour	BWROG
BT4 Results NRC Staff Comments	TBD ▲	TBD ▲	TBD ▲	Preliminary Comments Emailed to BWROG; Final Version Posted to ADAMS	NRC
BT1 Test Plan	TBD ▲	TBD ▲	TBD ▲	Formal BWROG Submittal	BWROG
BT1 Test Plan NRC Staff Comments	TBD ▲	TBD ▲	TBD ▲	Preliminary Comments Emailed to BWROG; Final Version Posted to ADAMS	NRC
BT1 Revised Test Plan	TBD ▲	TBD ▲	TBD ▲	Formal BWROG Submittal	BWROG
2017 EOY Public NRC Meeting ▲▲	1 Day	December 6, 2017	December 6, 2017	Traditional EOY Update / 2018 Strategic Planning Meeting ▲▲	BWROG

▲ – 2017 “Item” & “Start / Finish” content expected to be proposed at the 2016 end-of-year (EOY) status & update meeting

▲▲ – 2018 “Item” & “Start / Finish” content expected to be proposed at the 2017 end-of-year (EOY) status & update meeting

Enclosure 1: 2016 – 2018 NEDC-33608-P Strategic Schedule, (GEH Class I - Public) [2018]					
Item	Approx. Span	Approx. Start	Approx. Finish	Expected Output	Output Owner
BT1 Testing Results Reports	TBD ▲▲	TBD ▲▲	TBD ▲▲	Formal BWROG Submittal	BWROG
BT1 Results NRC Staff Comments	TBD ▲▲	TBD ▲▲	TBD ▲▲	Preliminary Comments Emailed to BWROG; Final Version Posted to ADAMS	NRC
BT3 Test Plan	TBD ▲▲	TBD ▲▲	TBD ▲▲	Formal BWROG Submittal	BWROG
BT3 Test Plan NRC Staff Comments	TBD ▲▲	TBD ▲▲	TBD ▲▲	Preliminary Comments Emailed to BWROG; Final Version Posted to ADAMS	NRC
BT3 Testing Results Report	TBD ▲▲	TBD ▲▲	TBD ▲▲	Formal BWROG Submittal	BWROG
BT3 Results NRC Staff Comments	TBD ▲▲	TBD ▲▲	TBD ▲▲	Preliminary Comments Emailed to BWROG; Final Version Posted to ADAMS	NRC
NRC Provides NEDC-33608-P RAI Round 4 (Supplement – Testing Reports)	TBD ▲▲	TBD ▲▲	TBD ▲▲	[As Necessary] Formal RAI Posting to ADAMS	NRC
BWROG Response to RAI Round 4	TBD ▲▲	TBD ▲▲	TBD ▲▲	[As Necessary] Formal BWROG Submittal	BWROG
NEDC-33608-P Safety Evaluation (SE)	TBD ▲▲	TBD ▲▲	TBD ▲▲	Preliminary Comments Emailed to BWROG; Final Version Posted to ADAMS	NRC
BWROG Response to SE with Input for A-Version LTR	TBD ▲▲	TBD ▲▲	TBD ▲▲	Formal BWROG Submittal	BWROG
NEDC-33608-P A-Version	TBD ▲▲	TBD ▲▲	TBD ▲▲	Final Version Posted to ADAMS	NRC

▲▲ – 2018 “Item” & “Start / Finish” content expected to be proposed at the 2017 end-of-year (EOY) status & update meeting