

June 12, 2009

MEMORANDUM TO: William F. Burton, Chief
Rulemaking and Guidance Development Branch
Division of New Reactor Licensing
Office of New Reactors

FROM: Sheryl A. Burrows, Project Manager */RA/*
Rulemaking and Guidance Development Branch
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF MAY 8, 2009, PUBLIC MEETING – SHEAR WAVE
VELOCITY INSPECTION, TEST, ANALYSIS, AND ACCEPTANCE
CRITERIA FOR ENGINEERED BACKFILL MATERIAL UNDER
CATEGORY I STRUCTURES FOR DESIGN CERTIFICATION AND
COMBINED OPERATING LICENSE APPLICANTS

On May 8, 2009, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public meeting (see meeting agenda, Agencywide Documents Access and Management System (ADAMS) Accession No. ML091170025) at the NRC Church Street Building in Rockville, Maryland to discuss Shear Wave Velocity (SWV) Inspection, Test, Analysis, and Acceptance Criteria (ITAAC) in engineered backfill under Category I structures. The Nuclear Energy Institute (NEI) proposed language for confirmatory SWV ITAAC. The NEI and other subject experts presented material that covered the subject. A list of attendees is attached.

A handout that was provided to the participants in the workshop is included in this meeting summary. The staff was in general agreement with the subject matter presented by the Industry; however, the proposed language presented by NEI introduced two questions to the NRC staff which required a follow-up meeting with a representative from our Office of General Council (OGC).

The NRC staff (including an OGC representative) met on May 26, 2009 to discuss the questions introduced at the public meeting. Subsequently, on June 1, 2009, NEI sent a letter (ADAMS Accession No. ML091590431) to the NRC summarizing their understandings of the issues identified in the May 8, 2009 public meeting and indicating that NRC staff will provide clarification

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- 2 -

on the questions addressed in the meeting summary. NRC staff are considering the issues and, since a separate memorandum was sent, have decided to provide clarification in a separate memorandum in response to the one sent to us on June 1, 2009.

Enclosures:

As stated

cc w/encl: See next page

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Enclosures:
As stated

cc w/encl: See next page

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OFFICE	PM:NRO/DNRL/NRGA	LA:NRO/DNRL/NRGA	BC:NRO/DSER/RGS1	BC:NRO/DSER/RGS2
NAME	SBurrows	RRobinson	RKaras	CMunson
DATE	06/10/09	06/09/09	06/12/09	06/12/09

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**Public Meeting with NEI to Discuss
Shear Wave Velocity ITAAC**

May 8, 2009

Attendance List

Name	Organization
Wayne Bieganousky	NRC
Sheryl Burrows	NRC
Rebecca Karas	NRC
Yong Li	NRC
Cliff Munson	NRC
Bret Tegeler	NRC
Frankie Vega	NRC
Jerry Wilson	NRC
Weijun Wang	NRC
Zuhan Xi	NRC
Myron Anderson	Bechtel
John Damm	Bechtel
Mike Lewis	Bechtel
Geoffrey Quinn	Bechtel
Carl Costantino	CJC&A
Barry Bryant	Dominion
Guy Cesare	Enercor
Deborah Jerez	Kleinfelder
Frank Syms	William Lettis
Guy Winebrenner	MacTec
Hikaru Ogashwara	Mitsubishi
Russ Bell	NEI
Kimberly Keithline	NEI
Eddie Grant	NuStart
Gary Ruf	PSEG
Mark Scanlan	Toshiba
Matthew Williams	UniStar

Enclosure

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