

PMSTPCOL PEmails

From: Foster, Rocky
Sent: Wednesday, September 28, 2011 9:18 AM
To: Chappell, Coley
Cc: STPCOL
Subject: STP Fuel Rack BNL RAI status table 09-21-11
Attachments: STP Fuel Rack BNL RAI status table 09-21-11.docx

Coley,

This is the latest version I have of the RAI status table.

Thanks,

Rocky

Hearing Identifier: SouthTexas34Public_EX
Email Number: 3115

Mail Envelope Properties (26E42474DB238C408C94990815A02F096898B3FA12)

Subject: STP Fuel Rack BNL RAI status table 09-21-11
Sent Date: 9/28/2011 9:17:50 AM
Received Date: 9/28/2011 9:18:01 AM
From: Foster, Rocky

Created By: Rocky.Foster@nrc.gov

Recipients:
"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
"Chappell, Coley" <ccchappell@STPEGS.COM>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	105	9/28/2011 9:18:01 AM
STP Fuel Rack BNL RAI status table 09-21-11.docx		29110

Options
Priority: Standard
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Sensitivity: Normal
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STP UNIT 3 & 4 –Spent Fuel Storage Rack Baseline Design

RAI STATUS TABLE

(Prepared by BNL, 09/21/2011)

RAI No.	RAI item	NINA Response Date	BNL Assessment Date	Action	Current Status	Comment
09.01.02-2 (RAI No.5685, RAI Letter #377) Provide more descriptive information on pools, racks and fuel-handling system.	a	6/23/11	09/05/2011	NRC	U	BNL submitted proposed follow-up RAI to staff on 09/19/2011.
	b	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	c	6/23/11	09/05/2011	NINA	AIP	NINA to include a material table in the technical report revision.
	d	6/23/11	09/05/2011	NINA	AIP	NINA to include in the technical report the statement that all racks for new and spent fuel will be permanently located in the spent fuel storage pool.
	e	6/23/11	09/05/2011	NINA	AIP	NINA to include information about tie joints between adjacent cell walls in the technical report revision.
	f	6/23/11	09/05/2011		R	RAI item regarding new fuel racks is no longer applicable.
	g	6/23/11	09/05/2011	NINA	AIP	NINA to include updated support plate configuration in the technical report revision.
	h	6/23/11	09/05/2011	NRC	U	BNL submitted proposed follow-up RAI to staff on 09/19/2011.
	i	6/23/11	09/05/2011	NINA	AIP	NINA to include updated welding information in the technical report revision.
09.01.02-3 (RAI No.5685, RAI Letter #377) Provide additional information on loads and load combinations	a	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	b	6/23/11	09/05/2011	NINA	AIP	NINA to include updated information on temperatures in the technical report revision.
	c	6/23/11	09/05/2011	NRC	U	BNL submitted proposed follow-up RAI to staff on 09/19/2011.
09.01.02-4 (RAI No.5685, RAI Letter #377)	a	8/1/11	09/05/2011	NRC	U	BNL submitted proposed follow-up RAI to staff on 09/19/2011.

Provide additional information on fuel drop analyses.	b	8/1/11	09/05/2011		R	Response provides sufficient clarification.
	c	8/1/11	09/05/2011		R	Response provides sufficient clarification.
	d	8/1/11	09/05/2011	BNL	AIP	BNL will audit calculation.
	e	8/1/11	09/05/2011	NINA/BNL	AIP	NINA to provide additional information. BNL will audit calculation.
09.01.02-5 (RAI No.5685, RAI Letter #377) Provide more information on modeling and analysis.	a	6/23/11	09/05/2011		R	RAI item regarding new fuel racks is no longer applicable.
	b	6/23/11	09/05/2011		R	Response provides sufficient clarification.
	c	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	d	6/23/11	09/05/2011	NRC	U	BNL submitted proposed follow-up RAI to staff on 09/19/2011.
	e	6/23/11	09/05/2011	NRC	U	BNL submitted proposed follow-up RAI to staff on 09/19/2011.
	f	6/23/11	09/05/2011		R	Response provides sufficient clarification.
	g	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	h	6/23/11	09/05/2011		R	Response provides sufficient clarification.
	i	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	j	6/23/11	09/05/2011	NINA	AIP	NINA to include results for 0.5 coefficient of friction in technical report revision
	k	6/23/11	09/05/2011	NINA	AIP	NINA to clarify in the Technical Report revision that that simultaneous application of 3 directional seismic loading and algebraic summation are used.
	l	6/23/11	09/05/2011	NINA	AIP	NINA to include an explanation of ANSYS modeling of the welds in technical report revision.
	m	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	n	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
o	6/23/11	09/05/2011	BNL	AIP	BNL will audit computer code validation process.	
09.01.02-6 (RAI No.5685, RAI Letter #377)	a	6/23/11	09/05/2011	NRC	U	BNL submitted proposed follow-up RAI to staff on 09/19/2011.

Provide more information on design checks.	b	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	c	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	d	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	e	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	f	6/23/11	09/05/2011		R	RAI item regarding new fuel racks is no longer applicable.
09.01.02-7 (RAI No.5685, RAI Letter #377) Provide information regarding quality assurance program, materials control, quality control, and special construction techniques; and discuss provisions for in-service inspection (ISI) of the racks.	-	6/23/11	09/05/2011	NRC NRC	U U	Staff to review the safety classification of Spent Fuel Storage Racks; the applicable QA requirements; and condition monitoring requirements for spent fuel racks under the Maintenance Rule. BNL submitted proposed follow-up RAI to staff on 09/19/2011.
09.01.02-8 (RAI No.5685, RAI Letter #377) Provide information regarding thermal stress evaluation for the spent fuel racks.	-	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
09.01.02-9 (RAI No.5685, RAI Letter #377) Provide additional information about the seismic loading for the nonlinear time history analysis of the spent fuel racks.	a	6/23/11 8/17/11 (Rev. 1)	09/05/2011	NINA	C	NINA will include the check of statistical independence of the 3 synthetic time histories, provided in the RAI response, in the technical report revision. (BNL conducted independent check.)
	b	6/23/11 8/17/11 (Rev. 1)	09/05/2011	NINA	C	NINA will include in the technical report revision, the comparison of input and calculated response spectra and the criteria used to verify the adequacy of the match that were provided in the RAI response. (BNL conducted independent check.)

	c	6/23/11 8/17/11 (Rev. 1)	09/05/2011		R	Rev. 1 Response provides sufficient clarification.
	d	6/23/11 8/17/11 (Rev. 1)	09/05/2011		R	Rev. 1 Response provides sufficient clarification.
	e	6/23/11	09/05/2011		R	Rev. 0 Response provides sufficient clarification.
	f	6/23/11 8/17/11 (Rev. 1)	09/05/2011		R	Rev. 1 Response provides sufficient clarification. (BNL conducted independent check.)
09.01.02-10 (RAI No.5987, RAI Letter #412, Rev. 5, ML112420173) Provide information on Spent Fuel Assembly Integrity.	a	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	b	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	c	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	d	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.
	e	Due 11/07/2011		NINA	U	RESPONSE NOT SUBMITTED.

R- Resolved.

U - Unresolved.

C - Confirmatory (Response acceptable; draft FSAR and/or Report revision submitted; FSAR and/or Report formal revision needed.)

AIP – Agreed in Principle (Staff and Applicant agree on a path toward resolution; additional review needed to achieve resolution.)