

## PMSTPCOL NPEmails

---

**From:** Banerjee, Maitri  
**Sent:** Wednesday, June 20, 2012 8:57 AM  
**To:** Tai, Tom  
**Cc:** Santos, Cayetano; STPCOL; Wunder, George  
**Subject:** RE: STP - Flow-Induced Vibration Technical Reports

Thanks Tom. Please keep me updated on the progress of the SE. I like to give the members adequate review time, but do not want to start their review if the meeting does not materialize as planned. Based on the progress we will determine when to give them the review package, and if in piecemeal. Also, most likely we will have a consultant, and it is good to have the TRs now as he and I can start our review of the material well ahead. Maitri

---

**From:** Tai, Tom  
**Sent:** Wednesday, June 20, 2012 8:40 AM  
**To:** Banerjee, Maitri  
**Cc:** Santos, Cayetano; STPCOL; Wunder, George  
**Subject:** RE: STP - Flow-Induced Vibration Technical Reports

Maitri,

Joe Colaccino, EMB branch chief, has promised to issue via IOM of the Chapters 3.9.x Phase 4 SER as early as this week. After project review and technical editing by our contractor, I expect to submit this to OGC for review and obtain OGC's NLO no later than the end of August. The mid-October date to you should be achievable or it will be disastrous.

Based on EMB's plan and schedule for the review and the deliverable, these technical reports are final. The ACRS action was proposed at the time for the same reason you stated: it will be an extensive review by the ACRS SC. The advanced copy of these reports are meant to allow ACRS better manage their time and effort.

The mid-October date submittal to you is my conservative estimate. After I receive the SER this week, I should know more about the quality and can better assess the submittal schedule. I'll leave it to you to decide if you want to start the review of the WCAPs now or wait until the SER is issued.

Regards

Tom Tai  
DNRL/NRO  
(301) 415-8484  
[Tom.Tai@NRC.GOV](mailto:Tom.Tai@NRC.GOV)

---

**From:** Banerjee, Maitri  
**Sent:** Wednesday, June 20, 2012 8:25 AM  
**To:** Tai, Tom  
**Cc:** Santos, Cayetano  
**Subject:** RE: STP - Flow-Induced Vibration Technical Reports

Thanks much Tom. Are these now absolutely final? When do you expect the SE? These will constitute an extensive review by the ABWR SC in November. Preferably, I like to give them the whole package at one time with my assessment. Please advise. Maitri

---

**From:** Tai, Tom  
**Sent:** Tuesday, June 19, 2012 1:22 PM

**To:** Banerjee, Maitri  
**Cc:** STPCOL; Wunder, George; Jenkins, Ronaldo; Colaccino, Joseph  
**Subject:** STP - Flow-Induced Vibration Technical Reports

Maitri,

STP's ACRS Action Item #34 directs the project to provide an advance copy of the pertinent flow-induced vibration technical reports prior to submitting the Chapter 3.9.2 Phase 4 safety evaluation report to ACRS. Below are the six (6) technical reports, all proprietary, prepared to support of STP Units 3&4 reactor internal flow-induced vibration programs:

The revision numbers in **bold and red** are technical reports recently revised and re-issued by NINA/Westinghouse as a result of staff review and comments. These will supersede versions I provided in my January 19, 2012 e-mail on the same subject.

WCAP 17369-P, Rev 0, ABWR Dryer Operating Experience for STP Units 3&4, **ML110490192**  
WCAP 17370-P, **Rev 3**, Comprehensive Vibration Assessment Program Measurement, Test, and Inspection Plan (Unit 3), **ML12163A395**  
WCAP 17371-P, **Rev 3**, STP Units 3 and 4 Reactor Internals Non-Dryer Components Flow-Induced Vibration Assessment, **ML12170A898**  
WCAP 17257-P, **Rev 1**, STP Unit 4 Reactor Internals Flow-Induced Vibration Assessment Program, **ML12158A421**  
WCAP 17385-P, **Rev 3**, STP Unit 3 Steam Dryer Flow-Induced Vibration Assessment Report, **ML12166A252 and ML12166A253**  
WCAP 17256-P, **Rev 3**, STP Unit 3 ABWR Prototype Reactor Internals Flow-Induced Vibration Assessment Program, **ML12165A661**

We are scheduled to present Chapter 3 (minus Chapters 3.7 and 3.8) to ACRS subcommittee on November 16, 2012. I plan to submit the Chapter 3 Phase 4 SER to you during the week of October 15, 2012.

The ACRS subcommittee meeting for Chapters 3.7 and 3.8 Phase 4 SER will be determined at a later date.

Please call me if you have any questions.

Regards

Tom Tai  
DNRL/NRO  
(301) 415-8484  
[Tom.Tai@NRC.GOV](mailto:Tom.Tai@NRC.GOV)

**Hearing Identifier:** SouthTexas34NonPublic\_EX  
**Email Number:** 4565

**Mail Envelope Properties** (87B1F1BDFE5A554CA9DC5EAA75EB6D0DB3B9FD9A98)

**Subject:** RE: STP - Flow-Induced Vibration Technical Reports  
**Sent Date:** 6/20/2012 8:57:08 AM  
**Received Date:** 6/20/2012 8:57:09 AM  
**From:** Banerjee, Maitri

**Created By:** Maitri.Banerjee@nrc.gov

**Recipients:**

"Santos, Cayetano" <Cayetano.Santos@nrc.gov>

Tracking Status: None

"STPCOL" <STP.COL@nrc.gov>

Tracking Status: None

"Wunder, George" <George.Wunder@nrc.gov>

Tracking Status: None

"Tai, Tom" <Tom.Tai@nrc.gov>

Tracking Status: None

**Post Office:** HQCLSTR01.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	4168	6/20/2012 8:57:09 AM

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**

**Recipients Received:**