



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SECRETARY

January 10, 2013

Hitoshi Kaguchi, Ph.D., P.E.
Project Director, San Onofre Nuclear Generating Station
Southern California Edison
14300 Mesa Road. G55-1 SGR1
MHI Office
San Clemente, CA 92672

Dear Dr. Kaguchi:

The U.S. Nuclear Regulatory Commission (NRC) is pleased that you will participate in a public Commission meeting on steam generator tube degradation, on February 7, 2013, at 1:00 p.m. The meeting will be held in the Commissioners' Conference Room on the first floor of the NRC's Headquarters building at One White Flint North, Rockville, Maryland. The Commission is interested in hearing your views, representing Mitsubishi, on steam generator domestic and international operating experience focused on tube vibration and wear. I am enclosing a copy of the meeting agenda for your information (enclosure 1). My staff will keep you informed of any updates to the agenda.

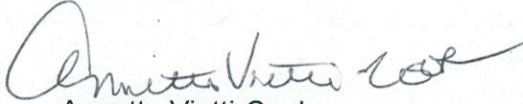
To assist the Commission in preparing for the meeting, please e-mail any written material, including slides/viewgraphs, to Ms. Rochelle Baval and Ms. Sandy Joosten (rochelle.baval@nrc.gov and sandy.joosten@nrc.gov) in the Office of the Secretary, by January 31, 2013, so that it can be distributed to the Commission for review in advance of the meeting. Enclosed are guidelines for slides, if you choose to use them (enclosure 2). PowerPoint is the preferred format, but other electronic presentation formats may be used. This Commission meeting will be webcast live at the Web address: www.nrc.gov. If you intend to use slides, they will also be posted on the NRC website prior to the meeting. If you have any questions, please contact Ms. Baval at 301-415-1651.

Your presentation at the Commission meeting should be based on the assumption that Commissioners are familiar with the content of your written material. Please plan your oral presentation for 10 minutes, discussing the important points on which you wish to focus the Commission's attention.

The NRC Headquarters building is located opposite the White Flint Metro Station on Rockville Pike and Marinelli Drive, Rockville, Maryland. The White Flint Metro Station is on the Red Line of the Washington area subway system. Reserved visitor parking for Commission guests is available. If you wish to use reserved parking, please notify Ms. Baval in advance. If reserved parking has been arranged, please check-in with the security staff at the entrance to the NRC campus on Marinelli Drive when you arrive. A Security Guard will call for an escort. Please

note that visitors will be screened through metal detectors, will have their packages x-rayed, and will be required to present a picture identification card prior to signing in at the registration desk.

Sincerely,

A handwritten signature in cursive script, appearing to read "Annette Vietti-Cook".

Annette Vietti-Cook
Secretary of the Commission

Enclosures:

1. Draft Agenda
2. Briefing Visuals Guidance

Final: 1/10/13 (Rev.)

SCHEDULING NOTE

Title: **BRIEFING ON STEAM GENERATOR TUBE DEGRADATION (Public)**

Purpose: To provide the Commission with information on steam generator operating experience and regulatory oversight.

Scheduled: **February 7, 2013
1:00 pm**

Duration: Approx. 3 hours and 45 minutes

Location: Commissioners' Conference Room, 1st floor OWFN

Participants: **Presentation**

NRC Staff Panel **45 mins.***

Bill Borchardt, Executive Director for Operations
Eric Leeds, Director, Nuclear Reactor Regulation (NRR)
Ken Karwoski, Senior Level Advisor, NRR Steam Generators and Material Inspection
Chris Jackson, Branch Chief, NRR Reactor Systems Branch

Topics:

- Oversight of licensee steam generator programs
- Recently observed degradation mechanisms (including San Onofre replacement steam generators and results of tests and inspections)
- Design basis accident and operating experience

Commission Q & A **50 mins.**

Break **5 mins.**

External Panel **70 mins.***

Jim Benson, Program Manager, Electric Power Research Institute (EPRI) Steam Generator Management Program **10 mins.***

Topics:

- Overview and analysis of historical degradation mechanisms
- Overview of EPRI Steam Generator Management Program

Vendors

Hitoshi Kaguchi, Ph.D., P.E., Director, San Onofre Nuclear Generating Station (SONGS) Project, Mitsubishi Heavy Industries, Ltd. **10 mins.***

Jeff Fleck, Manager, Nuclear Steam Supply System (NSSS) 10 mins.*
Mechanical Engineering, Engineering and Projects, AREVA, Inc.

Damian Testa, Project Manager, Steam Generator Management and 10 mins.*
Modification Programs, Westinghouse Electric Company

Topic:

- Steam generator domestic and international operating experience focused on tube vibration and wear

Pete Dietrich, Senior Vice President and Chief Nuclear Officer, 10 mins.*
Southern California Edison

Topic:

- San Onofre operating experience with degraded steam generator tubes

Michel Pettigrew, Adjunct Professor, Ecole Polytechnique, Montreal, 10 mins.*
Principal Research Engineer (Emeritus), Atomic Energy of Canada Limited
(AECL) Chalk River, and Consultant to Southern California Edison

Topic:

- Steam generator experience focused on tube vibration

Daniel Hirsch, Committee to Bridge the Gap and Lecturer at the University 10 mins.*
of California at Santa Cruz

Topic:

- Non-Governmental Organization perspective on steam generator regulatory oversight [Note: Author of a report, *Far Outside the Norm: The San Onofre Nuclear Plant's Steam Generator Problems in the Context of the National Experience with Replacement Steam Generators*, issued 9/10/12]

Commission Q & A 50 mins.

Discussion – Wrap-up 5 mins.

*For presentation only and does not include time for Commission Q & A's.

Documents:

Staff background material due to SECY: January 24, 2013.

Slides due to SECY: January 31, 2013.

PRESENTATION TITLE

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on white background

Date of Briefing

Your name, title, office

Arial Black 32

Slide Title – Arial Black 36

- ***Text (Arial Black 32) on white.***
- ***Top and Side margins 1 inch min.***
- ***Bottom margin 2 inch min.***
- ***Number pages***
- ***Explain acronyms or include a separate slide with list***