

February 21, 2012

MEMORANDUM TO: Ronaldo Jenkins, Branch Chief  
Licensing Branch 3  
Division of New Reactor Licensing  
Office of New Reactors

FROM: Rocky Foster, Project Manager /RA/  
Licensing Branch 3  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: SUMMARY OF WEEKLY CONFERENCE CALL MEETING TO  
DISCUSS OPEN ITEMS AND OUTSTANDING REQUESTS FOR  
ADDITIONAL INFORMATION RESPONSES RELATING TO NUCLEAR  
INNOVATION NORTH AMERICA'S SOUTH TEXAS PROJECT UNITS  
3 AND 4 COMBINED LICENSE APPLICATION ON FEBRAURY 1, 2012

On Wednesday, February 1, 2012, the U.S. Nuclear Regulatory Commission's staff held a public conference call from 10:00 a.m. to 12:00 p.m., with a continuation call from 2:00 p.m. to 4:00 p.m. on Chapter 3 issues, with members of Nuclear Innovation North America's (NINA). The purpose of the conference call was to discuss the status of the remaining open items (OI) related to the NINA Combined License Application (COLA). In addition, several requests for additional information were discussed in further detail.

CONTACT: Rocky Foster, NRO/LB3  
(301) 415-5787

Discussion Topic	Discussion Outcome
1. Chapter 9 Topics	1. Discussion concerning feedback from the staff on the review of RAI responses and WCAP submittal on November 14, 2011. Discussion on the Chapter 9.1.2 topics during audit of January 17-20, 2012 in Rockville, MD.
2. Open Item Master List	2. Open Item master list was discussed to update the current status.
3. CESU-SSC Study	3. The NRC asked the applicant if the new model provided in the revised CEUS-SSC study would impact the seismic analysis provided in the FSAR and if the applicant planned on addressing the topic at the ACRS meeting scheduled on March 21, 2012. The applicant stated they have looked at the new data, performed a sensitivity test, and determined that the new model does not affect the seismic analysis presented in the FSAR. They were planning to include their assessment in their presentation to the ACRS. The NRC agreed that based on the data presented in the CEUS-SSC model for the Houston site, the staff determined that the new data would have an insignificant effect on the seismic analysis presented in the FSAR.
4. Chapter 3 Topics	4. ACSTIC2 V&V – WEC suggested to use the two cases in WCAP 17287 (“STP 3 ABWR Pump-Induced Pulsation Analysis”): one that modeled all 10 RIPs in-phase; the other modeled five RIPs in-phase, and other five 180 out-of-phase, take the output and scale the data at P6 location to see the pressure distribution. This is to simulate the pressure distribution due to pump pulsation at P6. WEC is still trying to compare the ACSTIC2 results of these two cases with K-6 measurements to provide an assessment of appropriateness. Staff also asked WEC to provide a description on the approach to develop forcing function in the ACSTIC2 analysis. FMCRD and HCU specifications – NINA has provided supplemental information including a revised flow chart showing the development

	<p>of the design specifications; a summary of references pertaining to the requirements for FMCRD testing in the SRP, DCD, NUREG-1503, and the FMCRD specification; and ITAAC Table 2.2.2 for the CRD System. NINA informed the staff that the code FMCRD01 was used in to develop design pressure which is used in the design specification. The DCD only provides system pressure, which in accordance with ASME, could be synonymous with design pressure. The staff will continue to review the new information, and also to assess the consistency of approach for the review of Chapters 3.9.3 and 3.9.4. Chapter 3.9.2 confirmatory actions - WEC will start revising the WCAPs to include the inspection requirement of Unit 4 and the weld design of the reactor internal components. The RWB classification calculation to estimate onsite personnel dose is available now in the WEC Rockville office. CHPB staff can make arrangement with the project to audit. Project will contact the WEC Rockville office manager to schedule a conference room. The project will coordinate with CHPB to determine if this is a new audit or a continuation of the existing audit. The punch-list items spreadsheet has been updated to include Action 155. Staff asked if the action to provide section view and plan view of the buildings should be included.</p> <p>The February 27 – March 4, 2012 audit is confirmed. Some of the questions for the audit were discussed but staff will send an advance copy as soon as this week for better preparation. This list will and can continue to expand and the Wednesday OI call can be used to clarify the scope and expectation.</p>
--	---

R. Jenkins

- 4 -

The list of participants for the meeting is included as Enclosure 1, and the staff's weekly OI list for the NINA COLA is included as Enclosure 2.

Docket Nos.: 52-012 and 52-013

Enclosures:  
As stated

cc: w/encls: See next page

R. Jenkins

- 4 -

The list of participants for the meeting is included as Enclosure 1, and the staff's weekly OI list for the NINA COLA is included as Enclosure 2.

Docket Nos.: 52-012 and 52-013

Enclosures:  
As stated

cc: w/encls: See next page

DISTRIBUTION:

PUBLIC

BWR R/F

RFoster, NRO

GWunder, NRO

R. Karas, NRO

TTai, NRO

RJenkins, NRO

DMisenhimer, NRO

NRO\_DNRL\_BWR

RidsOgcMailCenter

RidsNroDnrlBwr

RidsAcrcAcnwMailCenter

ADAMS Accession Nos.:

ML120370573 (Pkg.)

ML120370476 (Summary)

ML120380048 (Enclosure 1)

ML120310009 (Enclosure 2)

NRO-002

<b>OFFICE</b>	PM:NRO/DNRL/LB3	LA:NRO/DNRL/LB3	BC: NRO/DNRL/LB3
<b>NAME</b>	RFoster	SGreen	RJenkins
<b>DATE</b>	02/07/2012	02/07/2012	02/19/2012

**OFFICIAL RECORD COPY**

COL - STP Nuclear - South Texas Mailing List  
cc:

(Revised 01/26/2012)

Certrec Corporation  
4150 International Plaza, Suite 820  
Fort Worth, TX 76109

Mr. Brian Almon  
Public Utility Commission  
William B. Travis Building  
PO Box 13326  
1701 North Congress Avenue  
Austin, TX 78701-3326

Ms. Michele Boyd  
Legislative Director  
Energy Program  
Public Citizens Critical Mass Energy  
and Environmental Program  
215 Pennsylvania Avenue, SE  
Washington, DC 20003

Mr. Ed Halpin  
President & CEO  
STP Nuclear Operating Company  
P.O. Box 289  
Wadsworth, TX 77483

Mr. Scott Head  
Manager, Regulatory Affairs  
STP Units 3 & 4  
Nuclear Innovation North America, LLC  
4000 Avenue F  
Bay City, TX 76109

Ms. Susan M. Jablonski  
Office of Permitting, Remediation  
and Registration  
Texas Comm. on Env. Quality  
MC-122  
P.O. Box 13087  
Austin, TX 78711-3087

Judge  
Matagorda County  
Matagorda County Courthouse  
1700 Seventh Street  
Bay City, TX 77414

M. A. McBurnett  
Senior VP, Oversight & Regulatory Affairs  
Nuclear Innovation North America, LLC  
4000 Avenue F  
Bay City, TX 77414

Bill Mookhoek  
Licensing Supervisor  
STP Units 3 and 4  
4000 Avenue F  
Bay City, TX 77414

Mr. Peter G. Nemeth  
Crain, Caton & James, P.C.  
P.O. Box 289  
Mail Code: N5005  
Wadsworth, TX 77483

Mr. Terry Parks  
Chief Inspector  
Texas Department of Licensing  
and Regulation  
Boiler Division  
P.O. Box 12157  
Austin, TX 78711

Kathy C. Perkins, RN, MBA  
Assistant Commissioner  
Division for Regulatory Services  
Texas Department of State Health Services  
P.O. Box 149347  
Austin, Texas 78714-9347

Policy Director  
Environmental and Natural Resources  
P. O. Box 12428  
Austin, TX 78711-3189

COL - STP Nuclear - South Texas Mailing List

Mr. Frank M. Quinn  
8 Oak Avenue  
Gaithersburg, MD 20877-2705

Regional Administrator  
Region IV  
U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive  
Suite 400  
Arlington, TX 76011-8064

Alice Hamilton Rogers, PE  
Inspections Unit Manager  
Texas Department of State Health Services  
P.O. Box 149347  
Austin, Texas 78714-9347

Ms. Jamey Seely  
President & CEO  
Nuclear Innovation North America, LLC  
400 Avenue F, Suite A  
Bay City, TX 77414

Mr. Robert E. Sweeney  
IBEX ESI  
4641 Montgomery Avenue  
Suite 350  
Bethesda, MD 20814

## COL - STP Nuclear - South Texas Mailing List

### Email

APH@NEI.org (Adrian Heymer)  
awc@nei.org (Anne W. Cottingham)  
BrinkmCB@westinghouse.com (Charles Brinkman)  
cindyrae\_52@yahoo.com  
cwaltman@roe.com (C. Waltman)  
david.lewis@pillsburylaw.com (David Lewis)  
Derlinda.Bailey@chguernsey.com (Derinda Bailey)  
donald.woodlan@luminant.com (Donald Woodlan)  
dwuokko@tane.toshiba.com (Dale Wuokko)  
ed.burns@earthlink.net (Ed Burns)  
eliza.seedcoalition@gmail.com (Elza Brown)  
erg-xl@cox.net (Eddie R. Grant)  
gzinke@entergy.com (George Alan Zinke)  
jerald.head@ge.com (Jerald G. Head)  
jim.riccio@wdc.greenpeace.org (James Riccio)  
Joseph\_Hegner@dom.com (Joseph Hegner)  
kdrichards@stpegs.com (Kevin Richards)  
KSutton@morganlewis.com (Kathryn M. Sutton)  
kwaugh@impact-net.org (Kenneth O. Waugh)  
lchandler@morganlewis.com (Lawrence J. Chandler)  
ldblaylock@cpsenergy.com (Larry Blaylock)  
louis.eichenberger@ge.com (Louis Eichenberger)  
maria.webb@pillsburylaw.com (Maria Webb)  
mark.beaumont@wsms.com (Mark Beaumont)  
Mark.Crisp@chguernsey.com (Mark Crisp)  
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)  
maurerbf@westinghouse.com (Brad Maurer)  
media@nei.org (Scott Peterson)  
MSF@nei.org (Marvin Fertel)  
nirsnet@nirs.org (Michael Mariotte)  
Nuclaw@mindspring.com (Robert Temple)  
patriciaL.campbell@ge.com (Patricia L. Campbell)  
Paul@beyondnuclear.org (Paul Gunter)  
pbessette@morganlewis.com (Paul Bessette)  
RJB@NEI.org (Russell Bell)  
Rschrauder@tane.toshiba.com (Robert Schrauder)  
sabinski@suddenlink.net (Steve A. Bennett)  
sandra.sloan@areva.com (Sandra Sloan)  
sfrantz@morganlewis.com (Stephen P. Frantz)  
smhead@stpegs.com (Scott Head)  
stephan.moen@ge.com (Stephan Moen)  
Tansel.Selekler@nuclear.energy.gov (Tansel Selekler)  
tom.miller@hq.doe.gov (Tom Miller)  
Vanessa.quinn@dhs.gov (Vanessa Quinn)



COL - STP Nuclear - South Texas Mailing List

Wanda.K.Marshall@dom.com (Wanda K. Marshall)  
wayne.marquino@ge.com (Wayne Marquino)  
wemookhoek@stpegs.com (Bill Mookhoek)