

October 22, 2009

Mr. Scott Head
Regulatory Affairs
STP Nuclear Operating Company
P. O. Box 289
Wadsworth, TX 77483

Dear Mr. Head:

By letter dated June 18, 2009, South Texas Project Nuclear Operating Company (STPNOC) provided their plans for South Texas Project (STP) Units 3 and 4 instrumentation and control (I&C) design acceptance criteria (DAC) closure process and discussed their approach for the Field Programmable Gate Array (FPGA) design approval. In addition, STPNOC provided expected availability dates for I&C DAC-related inspections, tests, analyses and acceptance criteria (ITAAC) documents and desired dates for the U. S. Nuclear Regulatory Commission (NRC) staff to complete audits of these documents.

The use of inspections of ITAAC and ITAAC-related activities to support NRC staff's determination on whether the acceptance criteria of each ITAAC has been successfully met is described in SECY-06-0114, "Description of the Construction Inspection Program for Plants Licensed under Title 10 *Code of Federal Regulations* (CFR) Part 52." The staff is developing guidance for inspection of DAC-related activities. Your proposal provides an opportunity for the staff to obtain practical experience with ITAAC and DAC closure processes. The NRC would find such experience with inspections valuable in informing the NRC inspection process and infrastructure needed to support the DAC closure process. Therefore, the NRC will undertake ITAAC inspections in the I&C area subject to availability of FY2010 resources. The earliest the staff could start the pilot would be during the third quarter of FY2010.

In NUREG-1503, the "Final Safety Evaluation Report Related to Certification of the Advanced Boiling Water Reactor Design," the staff described their strategy for verification of I&C DAC at several lifecycle stages during the digital I&C system design process. The staff continues to support this verification strategy. Therefore, if STPNOC is still interested, STPNOC should provide availability dates for ITAAC documents that are tied to the completion of I&C design and lifecycle stages, as described in NUREG-1503. In order to support inspection guidance development, and resource planning, the availability dates should be provided at least 6 months in advance of the start of the pilot. If you would like to meet to discuss these issues, please let us know so that we may plan appropriately.

Sincerely

/RA/

Glenn M. Tracy, Director
Division of Construction, Inspection
& Operational Programs
Office of New Reactors

Docket Nos: 052-12 and 052-13

cc: William Mooehoek
See next page

October 22, 2009

Mr. Scott Head
Regulatory Affairs
STP Nuclear Operating Company
P. O. Box 289
Wadsworth, TX 77483

Dear Mr. Head:

By letter dated June 18, 2009, South Texas Project Nuclear Operating Company (STPNOC) provided their plans for South Texas Project (STP) Units 3 and 4 instrumentation and control (I&C) design acceptance criteria (DAC) closure process and discussed their approach for the Field Programmable Gate Array (FPGA) design approval. In addition, STPNOC provided expected availability dates for I&C DAC-related inspections, tests, analyses and acceptance criteria (ITAAC) documents and desired dates for the U. S. Nuclear Regulatory Commission (NRC) staff to complete audits of these documents.

The use of inspections of ITAAC and ITAAC-related activities to support NRC staff's determination on whether the acceptance criteria of each ITAAC has been successfully met is described in SECY-06-0114, "Description of the Construction Inspection Program for Plants Licensed under Title 10 *Code of Federal Regulations* (CFR) Part 52." The staff is developing guidance for inspection of DAC-related activities. Your proposal provides an opportunity for the staff to obtain practical experience with ITAAC and DAC closure processes. The NRC would find such experience with inspections valuable in informing the NRC inspection process and infrastructure needed to support the DAC closure process. Therefore, the NRC will undertake ITAAC inspections in the I&C area subject to availability of FY2010 resources. The earliest the staff could start the pilot would be during the third quarter of FY2010.

In NUREG-1503, the "Final Safety Evaluation Report Related to Certification of the Advanced Boiling Water Reactor Design," the staff described their strategy for verification of I&C DAC at several lifecycle stages during the digital I&C system design process. The staff continues to support this verification strategy. Therefore, if STPNOC is still interested, STPNOC should provide availability dates for ITAAC documents that are tied to the completion of I&C design and lifecycle stages, as described in NUREG-1503. In order to support inspection guidance development, and resource planning, the availability dates should be provided at least 6 months in advance of the start of the pilot. If you would like to meet to discuss these issues, please let us know so that we may plan appropriately.

Sincerely

/RA/

Glenn M. Tracy, Director
Division of Construction, Inspection
& Operational Programs
Office of New Reactors

Docket Nos: 052-12 and 052-13
cc: William Mooehoeck

See next page

ADAMS Accession No. ML092380436

NRO-002

*NLO

OFFICE	PM:NRO:DNRL:NGE2	LA:NRO:DNRL:NGE2	BC:NRO:DE:ICE2	BC:NRO:DCIP:CCIB	OGC
NAME	AMuñiz	BAbeywickrama	IJung	JStarefos*	MSpencer*
DATE	10/22/09	8/31/09	9/1/09	9/27/09	10/6/09
OFFICE	BC:NRO:DNRL:NGE2	DD:NRO:DNRL	D:NRO:DE	DD:NRO:DCIP	D:NRO:DCIP
NAME	BSosa	FAkstulewicz*	TBergman (via e-mail)	JTappert (via e-mail)	GTracy
DATE	8/31/09	9/28/09	9/24/09	9/30/09	10/19/09

OFFICIAL RECORD COPY

Letter to S. Head from Glenn M. Tracy dated October 22, 2009

DISTRIBUTION:

PUBLIC

RidsNroDnrlNge2

RidsNroDnrl

AMuñiz, NRO

BAbeywickrama, NRO

BSosa, NRO

IJung, NRO

MKowal, NRO

JStarefos, NRO

RidsOgcMailCenter

TBergman, NRO

RidsNroDe

GTracy, DCIP

RidsNroDCIP

DMatthews, NRO

Loren Plisco, NRO

COL STP Nuclear - South Texas Mailing List
cc:

(Revised 08/05/2009)

Certrec Corporation
4200 South Hulen, Suite 422
Fort Worth, TX 76109

Mr. Brian Almon
Public Utility Commission
William B. Travis Building
P.O. 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

C. M. Canady
City of Austin
Electric Utility Department
721 Barton Springs Road
Austin, TX 78704

Mr. Ted Enos
4200 South Hulen
Suite 422
Ft. Worth, 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

C. Kierksey
City of Austin
Electric Utility Department
721 Barton Springs Road
Austin, TX 78704

M. A. McBurnett
VP, Oversight/Regulatory Affairs
STP Nuclear Operating Company
4000 Avenue F, Suite A
Bay City, TX 77414

Bill Mookhoek
Licensing Supervisor
STP Units 3 and 4
Project Electric Generating Station
P.O. Box 289
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

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

COL STP Nuclear - South Texas Mailing List

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

J. J. Sheppard
President & CEO
STP Nuclear Operating Company
P.O. Box 289
Wadsworth, TX 77483

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

Mr. Steve Winn
STP Nuclear Operating Company
1301 McKinney, Suite 2300
Houston, TX 77010

Mr. Jon C. Wood
Cox, Smith, & Matthews
112 East Pecan, Suite 1800
San Antonio, TX 78205

COL STP Nuclear - South Texas Mailing List

Email

APH@NEI.org (Adrian Heymer)
awc@nei.org (Anne W. Cottingham)
BrinkmCB@westinghouse.com (Charles Brinkman)
chris.maslak@ge.com (Chris Maslak)
cindyrae_52@yahoo.com
cwaltman@roe.com (C. Waltman)
david.lewis@pillsburylaw.com (David Lewis)
donald.woodlan@luminant.com (Donald Woodlan)
dwstillwell@stpegs.com (Bill Stillwell)
erg-xl@cox.net (Eddie R. Grant)
greshaja@westinghouse.com (James Gresham)
gzinke@entergy.com (George Alan Zinke)
jerald.head@ge.com (Jerald G. Head)
jgutierrez@morganlewis.com (Jay M. Gutierrez)
jim.riccio@wdc.greenpeace.org (James Riccio)
JJNesrsta@cpsenergy.com (James J. Nesrsta)
John.O'Neill@pillsburylaw.com (John O'Neill)
Joseph_Hegner@dom.com (Joseph Hegner)
junichi_uchiyama@mnes-us.com (Junichi Uchiyama)
karen@seedcoalition.org (Karen Hadden)
kdrichards@stpegs.com (Kevin Richards)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
louis.eichenberger@ge.com (Louis Eichenberger)
mamcburnett@stpegs.com (Mark McBurnett)
Marc.Brooks@dhs.gov (Marc Brooks)
maria.webb@pillsburylaw.com (Maria Webb)
mark.beaumont@wsms.com (Mark Beaumont)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
maurerbf@westinghouse.com (Brad Maurer)
media@nei.org (Scott Peterson)
mike_moran@fpl.com (Mike Moran)
MSF@nei.org (Marvin Fertel)
nirsnet@nirs.org (Michael Mariotte)
patriciaL.campbell@ge.com (Patricia L. Campbell)
paul.gaukler@pillsburylaw.com (Paul Gaukler)
Paul@beyondnuclear.org (Paul Gunter)
pshastings@duke-energy.com (Peter Hastings)
RJB@NEI.org (Russell Bell)
RKTemple@cpsenergy.com (R.K. Temple)
sabinski@suddenlink.net (Steve A. Bennett)
sandra.sloan@areva.com (Sandra Sloan)
sfrantz@morganlewis.com (Stephen P. Frantz)

COL STP Nuclear - South Texas Mailing List

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)
VictorB@bv.com (Bill Victor)
vochoa@mail.utexas.edu
Wanda.K.Marshall@dom.com (Wanda K. Marshall)
wayne.marquino@ge.com (Wayne Marquino)
wemookhoek@stpegs.com (Bill Mookhoek)
william.maher@fpl.com (William Maher)