

PMVictoriaESPPEm Resource

From: Eudy, Michael
Sent: Thursday, May 17, 2012 12:24 PM
To: david.distel@exeloncorp.com
Cc: VictoriaESP Resource; Graizer, Vladimir; Karas, Rebecca; Devlin, Stephanie; Stieve, Alice
Subject: Victoria RAI Letter #18
Attachments: ML12136A462.pdf

David,

Please see the attached electronic courtesy copy of our May 16, 2012 RAI Letter #18.

Michael A. Eudy - Project Manager
U.S. Nuclear Regulatory Commission
NRO/DNRL/LB3
301-415-3104

Hearing Identifier: Victoria_ESP_Public
Email Number: 653

Mail Envelope Properties (9E28710E0B702149AEC6639728636440A750A35BC5)

Subject: Victoria RAI Letter #18
Sent Date: 5/17/2012 12:24:24 PM
Received Date: 5/17/2012 12:24:29 PM
From: Eudy, Michael

Created By: Michael.Eudy@nrc.gov

Recipients:

"VictoriaESP Resource" <VictoriaESP.Resource@nrc.gov>
Tracking Status: None
"Graizer, Vladimir" <Vladimir.Graizer@nrc.gov>
Tracking Status: None
"Karas, Rebecca" <Rebecca.Karas@nrc.gov>
Tracking Status: None
"Devlin, Stephanie" <Stephanie.Devlin@nrc.gov>
Tracking Status: None
"Stieve, Alice" <Alice.Stieve@nrc.gov>
Tracking Status: None
"david.distel@exeloncorp.com" <david.distel@exeloncorp.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	218	5/17/2012 12:24:29 PM
ML12136A462.pdf	99636	

Options

Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

May 16, 2012

Ms. Marilyn C. Kray
Vice President
New Plant Development
Exelon Generation
200 Exelon Way
Kennett Square, PA 19348

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 18
(SRP SECTION: 02.05.02 – VIBRATORY GROUND MOTION) RELATED TO
THE VICTORIA COUNTY STATION EARLY SITE PERMIT APPLICATION

Dear Ms. Kray:

By letter dated March 25, 2010, Exelon Nuclear Texas Holdings, LLC (Exelon) submitted an early site permit application for Victoria County Station pursuant to 10 CFR Part 52. The Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this application.

The staff has identified that additional information is needed to continue portions of the review and the request for additional information (RAI) is contained in the enclosure to this letter. Exelon is requested to respond within 60 days of the date of this letter or provide a schedule for your response within 30 days of the date of this letter. If the RAI response involves changes to application documentation, Exelon is requested to include the associated revised documentation with the response.

Should you have questions, please contact Michael Eudy at (301) 415-3104 or via e-mail at Michael.Eudy@nrc.gov.

Sincerely,

/RA/

Michael A. Eudy, Project Manager
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-042

Enclosure: Request for Additional Information

Ms. Marilyn C. Kray
Vice President
New Plant Development
Exelon Generation
200 Exelon Way
Kennett Square, PA 19348

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 18
(SRP SECTION: 02.05.02 – VIBRATORY GROUND MOTION) RELATED TO
THE VICTORIA COUNTY STATION EARLY SITE PERMIT APPLICATION

Dear Ms. Kray:

By letter dated March 25, 2010, Exelon Nuclear Texas Holdings, LLC (Exelon) submitted an early site permit application for Victoria County Station pursuant to 10 CFR Part 52. The Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this application.

The staff has identified that additional information is needed to continue portions of the review and the request for additional information (RAI) is contained in the enclosure to this letter. Exelon is requested to respond within 60 days of the date of this letter or provide a schedule for your response within 30 days of the date of this letter. If the RAI response involves changes to application documentation, Exelon is requested to include the associated revised documentation with the response.

Should you have questions, please contact Michael Eudy at (301) 415-3104 or via e-mail at Michael.Eudy@nrc.gov.

Sincerely,

/RA/

Michael A. Eudy, Project Manager
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-042

Enclosure: Request for Additional Information

DISTRIBUTION:

MEudy, NRO
SGreen, NRO
RKaras, NRO
VGraizer, NRO
LGoldin, OGC
NRO_DNRL_LB3

ADAMS Accession No.: ML12136A462

NRO-002

OFFICE	BR:NRO/RGS2	BC:NRO/RGS2	LA: DNRL/LB3	OGC	LPM:DNRL/LB3
NAME	VGraizer*	RKaras*	SGreen	LGoldin*	MEudy*
DATE	05/1/12	05/4/12	05/16/2012	05/7/12	05/7/12

*Approval captured electronically in the electronic RAI system

OFFICIAL RECORD COPY

Request for Additional Information No. 6482 Revision 1

Victoria County Station ESP
Exelon Texas
Docket No. 52-042
SRP Section: 02.05.02 - Vibratory Ground Motion
Application Section: 2.5.2

QUESTIONS for Geosciences and Geotechnical Engineering Branch 2 (RGS2)

02.05.02-11

This request for additional information (RAI) specifically addresses Recommendation 2.1 of the Fukushima Near-Term Task Force recommendations contained in SECY-12-0025, as it pertains to the seismic hazard evaluation. This Recommendation specifies the use of NUREG-2115, "Central and Eastern United States Seismic Source Characterization for Nuclear Facilities" (CEUS-SSC), in a site probabilistic seismic hazard analysis (PSHA). The NRC staff issued NUREG-2115 in January 2012, marking the completion of approximately four years of collaborative work between NRC, the Department of Energy, and the Electric Power Research Institute.

Consistent with Recommendation 2.1, as well as the need to consider the latest available information in the PSHA for the Victoria County Station planned reactor site, the NRC staff requests that Exelon Nuclear Texas Holdings, LLC (Exelon):

- a) Evaluate the potential impacts of the newly released CEUS-SSC model, with potential local and regional refinements as identified in the CEUS-SSC model, on the seismic hazard curves and the site-specific ground motion response spectra (GMRS). For re-calculation of the PSHA, please follow either the cumulative absolute velocity (CAV) filter or minimum magnitude specifications outlined in Attachment 1 to Seismic Enclosure 1 of the March 12, 2012 letter "Request for information pursuant to title 10 of the *Code of Federal Regulations* 50.54(f) regarding recommendations 2.1, 2.3, and 9.3, of the near-term task force review of insights from the Fukushima Dai-ichi accident." (Agencywide Documents Access and Management System Accession No. ML12053A340).
- b) Modify the site-specific GMRS if you determine changes are necessary given the evaluation performed in part a) above.

In order to minimize delays to the current licensing schedule, the staff requests that you respond within 60-days of receipt of this RAI or provide a schedule for your response within 30-days.

Enclosure

COL - Exelon Victoria - Mailing List
cc:

(Revised 05/09/2012)

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

Mr. Donal Dieker
56 Holiday Drive
Clinton, IL 61727

Dr. Glenn R. George
Co-Head, Energy Capital Markets
Nomura Securities International, Inc.
2 World Financial Center, Bldg. B.
21st Floor
New York, NY 10281-1198

Mr. Dale Holtzscher
RR 1, Box 72A
Weldon, IL 61882

Mr. Ernie H. Kennedy
Vice President New Plants
Nuclear Plant Projects
Westinghouse Electric Company
200 Day Hill Road
Windsor, CT 06095-0500

Mrs. Marilyn Kray
Vice President - New Plant Development
Exelon Nuclear Texas Holdings, LLC (Exelon)
200 Exelon Way
Suite 340
Kennett Square, PA 19348

Ms. Amy Lientz
CH2MHILL
151 N. Ridge Avenue
Suite 150
Idaho Falls, Idaho 83401-4039

Mr. John Loaniddi
Parsons Energy and Chemicals
2675 Mongantown Road
Reading, PA 19607

Ms. Ginger Molitor
U.S. Fish and Wildlife Service
Rock Island Ecological Services Office
4469 48th Avenue Court
Rock Island, IL 61201

Mr. Robert Mosher
1021 North Grand Avenue, East
P.O. Box 19276
Springfield, IL 62794-9274

Mr. Thomas S. O'Neill
Associate General Counsel
Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

Pacific Northwest
National Laboratory
Attn: Ms. Eva Eckert Hickey
MSIN K3-66
P.O. Box 999
Richland, WA 99352

Prairie Group
Attn: Mr. George Gore
702 West Washington Street
Urbana, IL 61801

Todd Rettig
Office of Realty & Environmental Planning
Illinois Department of Natural Resources
Region III Office
1556 State Route 54, East
Clinton, IL 61727

COL - Exelon Victoria - Mailing List

Mr. Tom Rudasill
The Vespasian Warner
Public Library District
310 N. Qunicy Street
Clinton, IL 61727

Mr. Ken Runkle
Toxicology Section
525 West Jefferson St.
Springfield, IL 62761

Mr. Keith Shank
Manager
Division of Resources, Review and
Coordination
Illinois Department of Natural Resources
One Natural Resources Way
Springfield, IL 62702-1787

Mr. John Stolfa
P.O. Box 589
Mansfield, IL 61854-0589

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

Mr. Arthur R. Woods
Enercon Services, Inc.
500 TownPark Lane
Kennesaw, GA 30144

Mr. Gary Wright, Director
Division of Nuclear Facility Safety
Illinois Emergency Management Agency
1035 Outer Park Drive
Springfield, IL 62704

COL - Exelon Victoria - Mailing List

Email

APH@NEI.org (Adrian Heymer)
awc@nei.org (Anne W. Cottingham)
BrinkmCB@westinghouse.com (Charles Brinkman)
christopher.kerr@exeloncorp.com (Christopher Kerr)
connie.mcmaster@sbcglobal.net (Connie McMaster)
cwaltman@roe.com (C. Waltman)
david.distel@exeloncorp.com (David Distel)
david.lewis@pillsburylaw.com (David Lewis)
gcesare@enercon.com (Guy Cesare)
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)
joshua.trembley@execoncorp.com (Joshua Trembley)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
ldblaylock@cpsenergy.com (Larry Blaylock)
maria.webb@pillsburylaw.com (Maria Webb)
marilyn.kray@exeloncorp.com
mark.beaumont@wsms.com (Mark Beaumont)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
media@nei.org (Scott Peterson)
mike_moran@fpl.com (Mike Moran)
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)
sabinski@suddenlink.net (Steve A. Bennett)
sfrantz@morganlewis.com (Stephen P. Frantz)
stephan.moen@ge.com (Stephan Moen)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
Wanda.K.Marshall@dom.com (Wanda K. Marshall)
wayne.marquino@ge.com (Wayne Marquino)