



NP-10-0026
November 9, 2010

10 CFR 52, Subpart A

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: Exelon Nuclear Texas Holdings, LLC
Victoria County Station
Early Site Permit Application Update Schedule and Commitment Revisions
NRC Docket No. 52-042

- References:
- (1) Exelon Nuclear Texas Holdings, LLC letter to USNRC, Application for Early Site Permit for Victoria County Station, dated March 25, 2010
 - (2) USNRC letter to Exelon, Victoria County Station Early Site Permit Application Review Schedule, dated August 31, 2010

In Reference 1, Exelon Nuclear Texas Holdings, LLC (Exelon) submitted an Application for an Early Site Permit (ESP) for the Victoria County Station (VCS) site.

Based on the NRC safety and environmental review milestone schedule contained in Reference 2, and as previously discussed with NRC staff, Exelon plans to submit the next update of the VCS ESP Application in the 1st Quarter of 2012. This update to the application will include revisions to the Site Safety Analysis Report (SSAR) and Environmental Report (ER) identified as a result of the NRC review of the VCS ESP Application.

In support of the ongoing VCS ESP Application review, Exelon previously submitted the regulatory commitments listed in Enclosure 1 containing a commitment implementation date based on a planned SSAR or ER update by March 25, 2011. Accordingly, Exelon is hereby revising the regulatory commitments identified in Enclosure 1 to reflect the current planned update described above of no later than March 31, 2012.

If any additional information is needed, please contact David J. Distel at (610) 765-5517.

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November 9, 2010
U. S. Nuclear Regulatory Commission
Page 2

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 9th day of November, 2010.

Respectfully,



Marilyn C. Kray
Vice President, Nuclear Project Development

Enclosure: List of Revised Regulatory Commitments

- cc: USNRC, Director, Office of New Reactors/NRLPO (w/enclosure)
USNRC, Project Manager, VCS, Division of New Reactor Licensing (w/enclosure)
USNRC, Environmental Project Manager, VCS, Division of Site and Environmental
Reviews (w/enclosure)
USNRC Region IV, Regional-Administrator (w/enclosure)

ENCLOSURE

LIST OF REVISED REGULATORY COMMITMENTS

(Exelon Letter to USNRC No. NP-10-0026, dated November 9, 2010)

COMMITMENT	COMMITTED DATE	COMMITMENT TYPE	
		ONE-TIME ACTION (Yes/No)	Programmatic (Yes/No)
Exelon commits to revise the VCS ESPA Site Safety Analysis Report (SSAR) Section 15.1 and Environmental Report (ER) Section 7.1.1 to remove the existing statements that the core source terms for the B&W mPower reactor design will be bounded by those for the other technologies proposed in the Plant Parameter Envelope (PPE). (re: NP-10-0007, dated May 6, 2010)	Revision 1 of the ESPA SSAR and ER planned for no later than March 31, 2012	Yes	No
Exelon commits to revise the VCS ESPA SSAR Section 15.1 and ER Section 7.1.1 to clarify that both the GE and Toshiba Advanced Boiling Water Reactor (ABWR) designs are being considered for the site; however, the existing PPE is based on the current ABWR certified design as described in 10 CFR 52 Appendix A. (re: NP-10-0007, dated May 6, 2010)	Revision 1 of the ESPA SSAR and ER planned for no later than March 31, 2012	Yes	No
Exelon commits to revise the VCS ESPA SSAR Section 15.2 and ER 7.1.2 to correct the referenced site acceptance criteria from 10 CFR 50.34 and 10 CFR 100 to 10 CFR 52:17(a)(1). (re: NP-10-0007, dated May 6, 2010)	Revision 1 of the ESPA SSAR and ER planned for no later than March 31, 2012	Yes	No
Exelon commits to revise the VCS ESPA SSAR Chapter 15 and ER Chapter 7 design-specific source term tables and the design-specific accident dose consequence tables to include a reference to the appropriate reactor Design Control Document (DCD) revision number that these values are based on. (re: NP-10-0007, dated May 6, 2010)	Revision 1 of the ESPA SSAR and ER planned for no later than March 31, 2012	Yes	No

COMMITMENT	COMMITTED DATE	COMMITMENT TYPE	
		ONE-TIME ACTION (Yes/No)	Programmatic (Yes/No)
Exelon will revise the ESPA Environmental Report Sections 5.7.2 and 7.4 to incorporate the changes shown in Enclosure 1 (re: NP-10-0009, dated May 27, 2010) to correct the APWR values for the potential number of shipments, collective dose, radiological accident risks, and numbers of accidents/fatalities due to transportation accidents; and to correct the APWR radionuclide inventory units/values.	Revision 1 of the ESPA ER planned for no later than March 31, 2012	Yes	No
Exelon will revise the ESPA SSAR Section 2.5.2 to incorporate the changes shown in Enclosure 1 (re: NP-10-0011, dated June 15, 2010) correcting the Mmax distribution for source BZ1 of the Bechtel Earth Science Team, and describing the results of the sensitivity analysis using the corrected distribution.	Revision 1 of the ESPA SSAR planned for no later than March 31, 2012	Yes	No
Exelon will update ESPA Environmental Report (ER) Sections 2.4, 5.2, and 5.11 to incorporate the changes shown in Enclosure 1 (re: NP-10-0010, dated June 24, 2010). Specifically ER Sections 5.2 and 5.11 have been revised to reflect the results of an approximately year-long bio-statistical study undertaken by Exelon to evaluate the potential effects of proposed VCS water withdrawals from the Guadalupe River on the ecological health of the San Antonio Bay system. Additionally, ER Sections 2.4 and 5.11 have been revised to present additional information regarding the Aransas-Wood Buffalo population of whooping cranes and the abnormal mortality reportedly experienced by the flock during the 2008-2009 overwintering period at the Aransas National Wildlife Refuge.	Revision 1 of the ESPA ER planned for no later than March 31, 2012	Yes	No

COMMITMENT	COMMITTED DATE	COMMITMENT TYPE	
		ONE-TIME ACTION (Yes/No)	Programmatic (Yes/No)
<p>Exelon will revise the ESPA SSAR Sections 2.0 and 2.5.4 to incorporate the changes shown in Enclosure 1 (re: NP-10-0014, dated June 28, 2010) indicating revisions to clarify that the calculated Minimum Bearing Capacity (Static) and the Dynamic Bearing Capacity site-specific values presented in the SSAR are based on the use of assumed typical plant structure size, shape, location, foundation depth, and settlement limits that are representative of large Light Water Reactor (LWR) design structures. These SSAR page markup revisions also identify that a complete stability assessment (including bearing capacities, settlement analyses, liquefaction analyses, and lateral load assessment) is required to be performed at the COL application stage to ensure that the bearing capacities and settlements meet the specified minimum value, based on the selected technology.</p>	<p>Revision 1 of the ESPA SSAR planned for no later than March 31, 2012</p>	<p>Yes</p>	<p>No</p>
<p>Exelon will revise the VCS ESPA SSAR Sections 2.5.1.2.4.2.3, 2.5.1.2.4.2.4, SSAR 2.5.1 References, and Figure 2.5.1-4 to incorporate the changes shown in Enclosure 1 (re: NP-10-0016, dated August 16, 2010) in response to NRC RAI 02.05.01-1.</p>	<p>Revision 1 of the ESPA SSAR planned for no later than March 31, 2012</p>	<p>Yes</p>	<p>No</p>