



NP-10-0025
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
Submittal of Hydrology Model Input and Output Files
NRC Docket No. 52-042

References: Exelon Nuclear Texas Holdings, LLC letter to USNRC, Application for Early Site Permit for Victoria County Station, dated March 25, 2010

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

In addition to the contents of the application, Exelon is also providing the enclosed supplemental information in support of the review of the VCS ESP application (ESPA). The hydrology model input and output data files, provided in electronic format on the enclosed disks, contain the specified data files supporting the following hydrology model analyses performed for the VCS site, as described in the VCS ESPA Site Safety Analysis Report (SSAR):

DVD-1

Groundwater Flow Model of Victoria County Station Site

DVD-2

Maximum Storm Surge Due to the PMH
Probable Maximum Flood on Streams and Rivers
Upstream Dam Break Analysis
Flood Level Due to Cooling Basin Breach

Two copies of each of the electronic data DVDs are enclosed, one DVD set for submission to the Public Document Room (PDR) and one DVD set for NRC staff use. The content of this submittal has been previously discussed with the NRC staff.

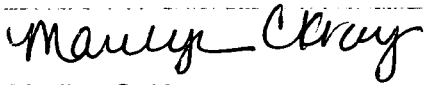
DOB7
NRC

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

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

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: Two DVDs labeled: "DVD-1 and DVD-2" (Two copies)

cc: USNRC, Director, Office of New Reactors/NRLPO (w/o enclosure)
USNRC, Project Manager, VCS, Division of New Reactor Licensing (w/enclosure—1
copies)
USNRC Region IV, Regional Administrator (w/o enclosure)

Enclosure

Two DVDs labeled:

“DVD-1”

**25352-000-K0C-0000-00036, Rev. 001 (Groundwater Flow Model of Victoria
County Station Site)**

“DVD-2”

25352-000-K0C-0009-00001, Rev. 000 (Maximum Storm Surge Due to the PMH)

25352-000-K0C-0009-00002, Rev. 001 (Probable Maximum Flood on Streams and Rivers)

25352-000-K0C-0009-00003, Rev. 001, (Upstream Dam Break Analysis)

25352-000-K0C-7000-00015, Rev. 002 (Flood Level Due to Cooling Basin Breach)

(Two copies)

November 2010