

KATHY

**WETLAND REPORT AND RECOMMENDATION/DETERMINATION
WATER MANAGEMENT ADMINISTRATION
TIDAL WETLANDS DIVISION**

State Wetlands Case No.: 08-WL-1439

Applicant: CALVERT CLIFFS 3 NUCLEAR PROJECT LLC
C/o Thomas Roberts
1650 Calvert Cliffs Parkway
Lusby, MD 20657
410-495-2614

Agent: Bechtel Power Corporation
Attn - Lee Rabideau
5275 Westview Drive
Frederick, MD 21703
301-228-6897

Date Application Received: 5/14/08 **Public Notice Required:** Yes **Comment Period Closing Date:** 7/1/08

Maryland Coordinates: 447,273 E x 85,587 N **Basin Coordinates:** 02131101 **Book Map Coordinates:** CA 16 H-5

Location of Proposed Work: In the Chesapeake Bay, at the Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby in Calvert County

Purpose of Proposed Work: Geotechnical investigations

Description of Authorized Work: To perform six soil borings eight inches in diameter ranging in depths from 25 to 50 feet below the bottom and six cone penetration tests two inches in diameter ranging in depths from 25 to 50 feet below the bottom all within a maximum of 250 feet channelward of the mean high water line as depicted on the plans dated 5/14/08.

Requires Water Quality Certification: No **Qualifies for Maryland State Programmatic General Permit:** Yes

Area of Vegetated Wetland Impacts: 0 s.f. **Area of Wetlands Created:** 0 s.f.

Was the Applicant's Original Project Modified: No

Department Comment: The geotechnical borings are required for the planned expansion of the existing Calvert Cliffs Nuclear Power Plant (08-WL-1462), which include dredging, additional intake structures, discharge structures, and restoration of the barge dock.

Project Justification: In consideration of the site characteristics and the nature of the proposed work, the Department concludes that the application represents a reasonable exercise of riparian rights.

The review of this project has taken into account ecological, economic, recreational, developmental, and aesthetic considerations appropriate for this proposal as well as other criteria set forth in the Code of Maryland Regulations.

***Special Conditions:**

- A. All work shall be permitted under, and performed in accordance with, the Critical Area requirements of the local jurisdiction where the project is located. This authorization does not constitute authorization for disturbance in the 100-foot Critical Area Buffer. "Disturbance" in the Buffer means clearing, grading, construction activities, or removal of any size tree or vegetation. Any anticipated Buffer disturbance requires prior written approval, before commencement of land-disturbing activities.
- B. In order to protect historical waterfowl resting area no in water work shall be performed between November 15 and March 1 of any year.

DEPARTMENT OF THE ENVIRONMENT PLANNER: Robert Tabisz

DATE: 7/10/08

DEPARTMENT OF THE ENVIRONMENT APPROVAL: *DB* *Agell*

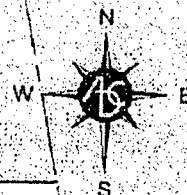
DATE: 7/10/08

WETLANDS ADMINISTRATION CONCURRENCE:

DATE:

080605 080605 080605

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VICINITY MAP for CALVERT CLIFFS

DESIGN	NTS	
KEY		
DRAWN	1	OF 1
CHK		
CHGNO	2	KEY
APRIL 2008	3017	
DATE	PRICE	FILE NO.

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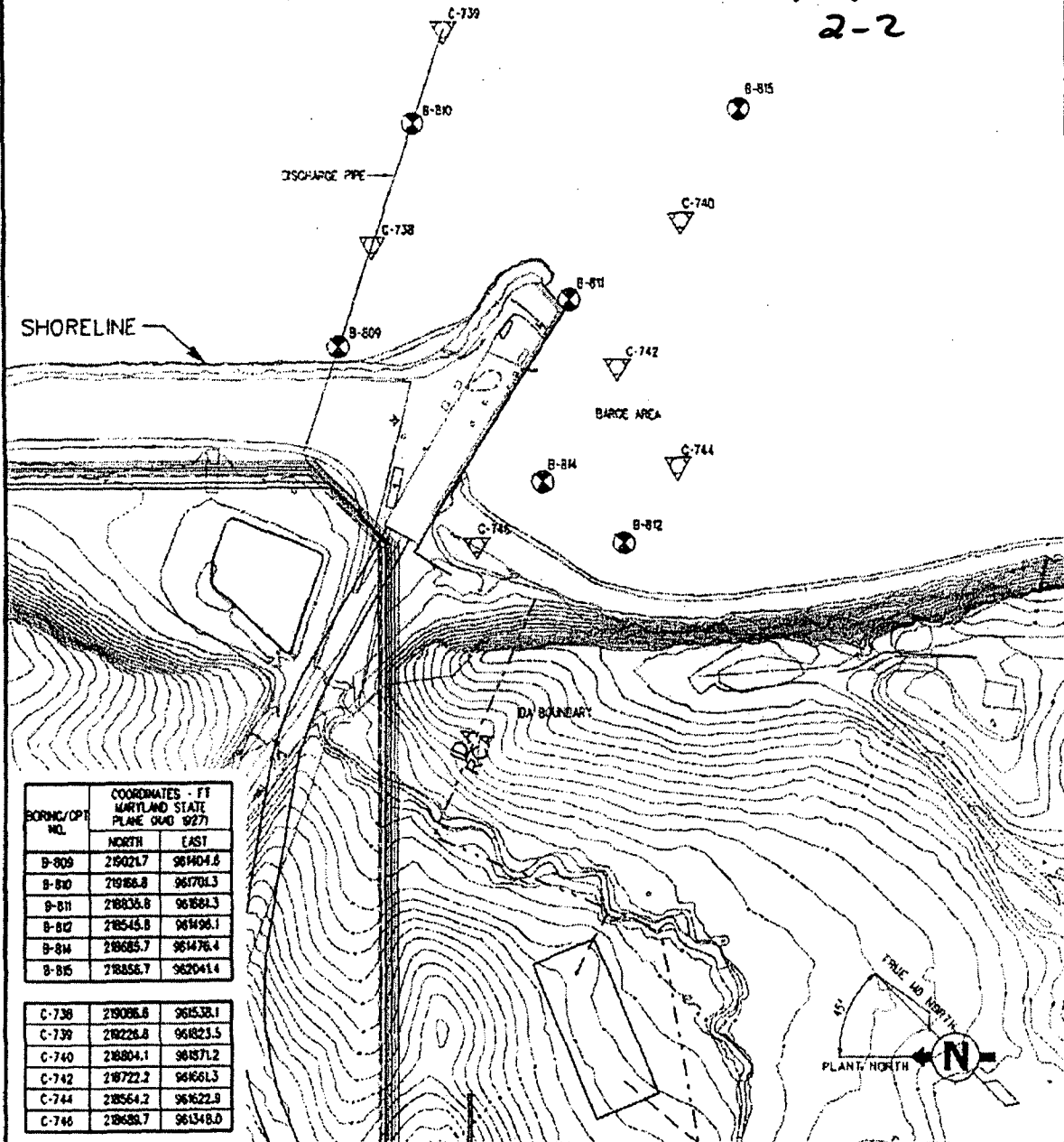
08-WL-1439

200862271

5/14/08

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CHESAPEAKE
BAY



BORING/PT NO.	COORDINATES - FT MARYLAND STATE PLANE QUD 9271	
	NORTH	EAST
B-809	219021.7	961404.6
B-810	219166.8	961701.3
B-811	218835.8	961684.3
B-812	218545.8	961496.1
B-814	218685.7	961476.4
B-815	218356.7	962041.4

C-738	219006.8	961532.1
C-739	219226.8	961823.5
C-740	218804.1	961871.2
C-742	218722.2	961661.3
C-744	218564.2	961622.9
C-746	218689.7	961348.0

OWNER/DEVELOPER:
CALVERT CLIFFS NUCLEAR
POWER PLANT, INC.
1005 BRANDON SHORES RD.
BALTIMORE, MD 21226
(410) 787-5130



**GREENHORNE
& O'MARA**
CONSULTING ENGINEERS
6110 FROST PLACE
LAUREL, MARYLAND 20707
PHONE: (410) 265-0066 FAX: (410) 265-0067
WWW.G-AND-O.COM

TIDAL BORING
LOCATION MAP
for
CALVERT CLIFFS

DESIGN	SCALE	1" = 200'
REV		
DRAWN		
CHKD		
DATE	3017	FILE NO.