MARYLAND DEPARTMENT OF THE ENVIRONMENT
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WATER QUALITY CERTIFICATION
for
United States Army Corps of Engineers
CENAB-OP-RMS (NAB-2007-08123-M01)
Calvert Cliffs Nuclear Power Plant, Proposed Unit 3

State Tidal Wetlands License #: 08-WL-1462
State Non-tidal Wetlands and Waterways Permit #: 08-NT-0191

Issued to: Calvert Cliffs 3 Nuclear Project, LLC
Mr. Thomas E. Roberts
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657

UniStar Nuclear Operating Services, LLC
Mr. Dimitri Lutchenkov
750 E. Pratt Street, 14th Floor
Baltimore, Maryland 21202

Description of Certified Project: The applicants propose to perform site preparation activities and construct supporting facilities for the proposed construction of an additional nuclear power generation station (Unit 3) at Calvert Cliffs Nuclear Power Plant. The proposed project would permanently impact 343,253 square feet (7.88 acres) of forested non-tidal wetlands; 52,708 square feet (1.21 acres) of emergent non-tidal wetlands; 114,563 square feet (2.63 acres) of non-tidal open water; 33,400 square feet (0.77 acres) along 8,350 linear feet of stream bed; and 248,000 square feet (5.7 acres) of tidal open waters [approximately 138,500 square feet (3.2 acres) of the tidal open water impacts are maintenance dredging; approximately 109,000 square feet (2.5 acres) is new dredging; approximately 52,500 square feet (1.2 acres) of the new dredging would be backfilled]. The proposed work includes a total of 3,485 square feet (0.08-acre area) of isolated forested wetland impact that is not subject to Corps of Engineers' jurisdiction.

This water quality certification is issued under the authority of Section 401 of the Federal Clean Water Act and its Amendments and the Environment Article, Title 9, Sections 9-313 - 9-323, inclusive, Annotated Code of Maryland. A copy of this required certification has been sent to the Corps of Engineers. This certification does not relieve the applicant of responsibility for obtaining any other approvals, licenses or permits in accordance with federal, State, or local requirements and does not authorize commencement of the proposed project. The Maryland Department of the Environment has determined from a review of the plans that the project described above will not violate Maryland's water quality standards, provided that the following conditions are satisfied.

The certification holder shall comply with the conditions listed below.

GENERAL CONDITIONS

A. The proposed project shall be constructed in a manner which will not violate Maryland's Water Quality Standards as set forth in COMAR 26.08.02. The applicant shall notify the Maryland Department of the Environment ten (l0) days prior to commencing work. Verbal notification is to be followed by written notice within ten (l0) days.

B. The proposed project shall be constructed in accordance with the approved plans.

C. All fill and construction materials not used in the project shall be removed and disposed of in a manner which will prevent their entry into waters of this State.

D. The certification holder shall notify the Water Management Administration, in writing, upon transferring property ownership or responsibility for compliance with these conditions to another person. The new owner/operator shall request, in writing, transfer of this water quality certification to his/her name.

E. The certification holder shall allow the Maryland Department of the Environment or its representative to inspect the project area at reasonable times and to inspect records regarding this project.

SPECIAL CONDITIONS

A. This Water Quality Certification is contingent upon the applicant's receipt of a Tidal Wetlands License from the State's Board of Public Works, and a Nontidal Wetlands and Waterways Permit issued by the Maryland Department of the Environment. Work in regulated areas authorized by this Water Quality Certification may not commence until the issuance of these State authorizations.

B. Upon issuance, the conditions of the State's Tidal Wetlands License and Nontidal Wetlands and Waterways Permit are hereby incorporated into this Water Quality Certification.

CERTIFICATION APPROVED

Elder A. Ghigiarelli, Jr.
Deputy Program Administrator
Wetland and Waterways Program

April 25, 2014
Expiration Date