Greg Gibson
Vice President, Regulatory Affairs

750 East Pratt Street, Suite 1600
Baltimore, Maryland 21202

UniStar
NUCLEAR ENERGY

October 28, 2010

UN#10-274

Joseph W. Hawxhurst, Division Chief
Inspections & Permits Division
Calvert County
County Services Plaza
150 Main Street, Suite 201
Prince Frederick, Maryland 20678

Subject: Application for Grading Permit – Intake Area Pump Test Wells
Calvert Cliffs Nuclear Power Plant, Unit 3
Calvert County, Maryland,

Enclosed for review and approval, please find the application for grading at the Calvert Cliffs 3 Nuclear Project, LLC, property in Calvert County, MD. Enclosure 1 includes the application for grading to support the installation of three pump test wells in the intake area and the associated erosion and sediment control plan checksheet. Enclosure 2 contains two drawing sheets that support the permit application.

If you have any questions concerning the attached document, please call Mr. Ed Miller at (443) 569-9220.

Sincerely,

for Greg Gibson

Enclosures – 1) Application for Grading Permit, October 27, 2010 & Calvert Soil Conservation District Erosion & Sediment Control Plan Checksheet, October 25, 2010
2) Sediment Control Plan for Calvert Cliffs Unit 3 Expansion, Intake Pump Test Wells (Two Drawing Sheets), October 2010

cc: Laura Quinn – NRC Project Manager, Environmental Projects Branch 2 (w/enclosures)
Susan Gray – Power Plant Research Program (w/enclosures)

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Enclosure 1

Application for Grading Permit
October 27, 2010
&
Calvert Soil Conservation District Erosion & Sediment Control Plan Checksheet
October 25, 2010

Check the status of your permit online at: www.co.cal.md.us/permlkups/main.aspx

Application for

GRADING PERMIT

Office Use Only

Building A/P # _____

Grading A/P # _____ PRJ # _____

Received by I&P: _____ Date: _____

Scanned By: _____ Date: _____

Calvert County Inspections & Permits Division, County Services Plaza, 150 Main Street, Suite 201, Prince Frederick, MD 20678
(410) 535-2155 (410) 535-2156 (410) 535-1600 (301) 855-1243 Fax (410) 414-3283

Property Owner Information	Name: CALVERT CLIFFS 3 NUCLEAR PROJECT, LLC			☐ Non-Profit Organization
	Phone: (410) 787-5381	Mobile #: (443) 569-9220	E-mail: edward.miller@constellation.com	
	Mailing Address: 1650 CALVERT CLIFFS PKWY City LUSBY		State MD	Zip 20657
Property Location Information	Town: N/A	**Town Center** ☐Yes ☑No	**District** ☑1st ☐2nd ☐3rd	Lot Size/Acreage:
	Subdivision Name: CALVERT CLIFFS POWER PLANT			
	Commercial Center Name: N/A		Unit #:	Suite #:
	Premise Address: 1650 CALVERT CLIFFS PKWY City LUSBY		State MD	Zip 20657
	Directions to site from Courthouse: SOUTH ON MD 2/4 APPROX. 10 MILES, EAST ON CALVERT CLIFFS PKWY APPROX. 2 MILES			
Additional Property Information	*Tax ID#, Map, Parcel, Block, Lot, and Section can be found on-line at Maryland Real Property Data Search*			
	Tax ID# SEE ATTACHMENT #1	Map	Parcel	Block / Lot / Section
	Floodplain ☐Yes ☑No	**Wetlands** ☐Yes ☑No	**Critical Area (CA)** ☑Yes ☐No	**Steep Slopes ≥ 25% (≥ 15% in CA)** ☐Yes ☑No / **Forest Retention Area (FRA)** ☐Yes ☑No
	Streams ☐Yes ☑No	**Road Access** ☐County ☐State ☑Private	**Agricultural Preservation District** ☐Yes ☑No	**Historic District** ☐Yes ☑No / **County Project** ☐Yes ☑No
	Site Plan (SPR) #	PRJ #	Architectural Review case #	Board of Appeals case #
Contractor Information	Company Name: T.B.D.			
	Mailing Address:	City	State	Zip
	Contact Name:			
	Phone: ( )	Mobile #: ( )	E-mail:	

PROPOSED PROJECT INFORMATION

DESCRIPTION OF WORK: INSTALLATION OF SEDIMENT CONTROLS FOR THREE INTAKE PUMP TEST WELLS.

☐ **Building** ☐ **Clearing Only** ☑ **Grading Only** ☐ **Mass Grading** ☐ **Road Construction** ☐ **Site Amenities** ☐ **SWM Construction**

DISTURBANCE: square footage/acreage 0.35/15246 **cut/fill amount** N/A ☐ **Violation Correction** (#_____)

Check all additional permits that will be required: ☐ **Building** ☐ **Electric** ☐ **Plumbing** ☐ **MDE General Permit** ☐ **SHA Entrance**

The following section must be completed by a Licensed Engineer or Land Surveyor; or this application must be accompanied by a Waiver of such signature approved by the Calvert Soil Conservation District and the Department of Public Works. ☐ *Waiver Attached*

I hereby certify that the plan of development and the plan for control of erosion and sediment meet the requirements, standards, and specifications of the Calvert Soil Conservation District.

SIGNATURE OF ENGINEER OR LICENSED LAND SURVEYOR: _____ **Date:** 10/25/10

PLEASE PRINT NAME: MATTHEW KELLY, GREENHORNE & O'MARA **License #:** 24836

CALVERT SOIL CONSERVATION DISTRICT
EROSION & SEDIMENT CONTROL PLAN CHECKSHEET

PROJECT NAME GRADING PERMIT - INTAKE PUMP WELLS (CCIII)

GRADING PERMIT APPLICATION FORM
(Check Completed Items)

✓ Owner Block
✓ Job Location Block

TBD Contractor Block (Optional)
✓ Type of Construction or Development

Registered Engineer or Professional Land Surveyor Block
✓ Signature & License Number
✓ Name (Printed or Typed)
✓ Address
✓ Telephone Number
✓ Date

Owner/Authorized Agent Block
✓ Signature
✓ Name (Printed or Typed)
✓ Address
✓ Telephone Number
✓ Date

EROSION & SEDIMENT CONTROL PLAN

✓ S.C.E.
✓ Title Block
✓ Revision Block
✓ Scale (≤ 1" = 50')
✓ Property Boundaries
N/A Adjacent Landowners (Not Single Lots)

✓ Soils Table
✓ Legend or Symbol Key
✓ Limit of Disturbance/Work
✓ Existing/Proposed Contours
✓ North Arrow
N/A Stockpile Area

Y(N) Sediment Traps/Basins
N/A Table of Calculations
N/A Drainage Area Boundary or Map
N/A Hydrology

N/A Borrow Area
(Y)N Wetland Area, Boundary or Buffer
Y(N) Negative Wetland Area Certification

SUPPORTING INFORMATION

✓ General E&S Notes
✓ Detail Sheet
✓ Sequence of Construction
✓ Location Map (Not Single Lots)

✓ Owner/Developer Certification
✓ Engineer Certification
✓ E&S Quantity Table

[signature]
Signature Eng./Surveyor

10/25/10
Date

MATTHEW B. KELLY, P.E.
GREENHORNE & O'MARA, INC.
Print/Type Name of Registered Engineer/Professional Land Surveyor

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Enclosure 2

Sediment Control Plan for Calvert Cliffs Unit 3 Expansion
Intake Pump Test Wells
(Two Drawing Sheets)
October 2010

THIS PAGE IS AN OVERSIZED DRAWING OR FIGURE,

THAT CAN BE VIEWED AT THE RECORD TITLE :

"CALVERTS CLIFFS UNIT 3 EXSPANSION INTAKE PUMP TEST WELLS"

SHEET 1 OF 2

THESE DRAWINGS CAN BE ACCESSED WITHIN THE ADAMS PACKAGE WITHIN THIS PACKAGE...

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THIS PAGE IS AN OVERSIZED DRAWING OR FIGURE,

THAT CAN BE VIEWED AT THE RECORD TITLE :

"CALVERTS CLIFFS UNIT 3 EXSPANSION INTAKE PUMP TEST WELLS"

SHEET 2 OF 2

THESE DRAWINGS CAN BE ACCESSED WITHIN THE ADAMS PACKAGE WITHIN THIS PACKAGE...

D02x