

January 13, 2012

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Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

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Administrative Judge
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

William W. Sager
Administrative Judge
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

In the Matter of
CALVERT CLIFFS 3 NUCLEAR PROJECT, LLC, AND
UNISTAR NUCLEAR OPERATING SERVICES, LLC
(Calvert Cliffs Nuclear Power Plant, Unit 3)
Docket No. 52-016

Dear Administrative Judges:

Pursuant to the Licensing Board's request during the January 10, 2012 pre-hearing conference, please find attached a combined version of the NRC Staff's pre-filed direct and rebuttal exhibit lists.

Respectfully submitted,

/signed (electronically) by/
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Enclosure: NRC Staff Hearing Exhibit List

**Calvert Cliffs 3 Nuclear Project, L.L.C., and UniStar Nuclear Operating Services, L.L.C.
(Combined License Application for Calvert Cliffs Unit 3)**

Docket No. 52-016-COL
ASLBP No. 09-874-02-COL-BD01
January 26, 2012 Evidentiary Hearing

NRC Staff Hearing Exhibits

NRC Staff Exhibit #	Witness/Panel	Description
NRC000001	L. M. (Quinn) Willingham	"Prefiled Direct Testimony of Laura M. (Quinn) Willingham Sponsoring NUREG-1936 Into the Hearing Record" and "Affidavit of Laura M. (Quinn) Willingham Concerning Prefiled Testimony Sponsoring NUREG-1936 Into The Hearing Record."
NRC000002	L. M. (Quinn) Willingham	Statement of Professional Qualifications for L. M. (Quinn) Willingham.
NRC00003A	L. M. (Quinn) Willingham A. Kugler; K. Cort	U.S. Nuclear Regulatory Commission, NUREG-1936, <i>Final Environmental Impact Statement for Combined Licenses (COLs) for Calvert Cliffs Nuclear Power Plant, Unit 3: Final Report, Volume 1</i> (May 2011) (ML11129A167).
NRC00003B	L. M. (Quinn) Willingham A. Kugler	U.S. Nuclear Regulatory Commission, NUREG-1936, <i>Final Environmental Impact Statement for Combined Licenses (COLs) for Calvert Cliffs Nuclear Power Plant, Unit 3: Final Report, Volume 2</i> (May 2011) (ML11129A179).
NRC000004	A. Kugler; K. Cort	"Prefiled Direct Testimony of Andrew J. Kugler, and Katherine A. Cort Regarding Contention 10C" and "Affidavit of Andrew J. Kugler Concerning Prefiled Testimony Regarding Contention 10C" and "Affidavit of Katherine A. Cort Concerning Prefiled Testimony Regarding Contention 10C."
NRC000005	A. Kugler	Statement of Professional Qualifications for Andrew J. Kugler
NRC000006	K. Cort	Statement of Professional Qualifications for Katherine A. Cort.

NRC Staff Exhibit #	Witness/Panel	Description
NRC000007	A. Kugler	73 Fed. Reg. 55,546 (Sept. 25, 2008). "Notice of Availability of Memorandum of Understanding Between U.S. Army Corps of Engineers and U.S. Nuclear Regulatory Commission on Environmental Reviews Related to the Issuance of Authorization to Construct and Operate Nuclear Power Plants." Federal Register. U.S. Nuclear Regulatory Commission. (73 FRN 55546)
NRC000008	A. Kugler; K. Cort	U.S. Nuclear Regulatory Commission, NUREG-1555, <i>Environmental Standard Review Plan -- Standard Review Plans for Environmental Reviews for Nuclear Power Plants</i> , Rev. 1, Sections 8.4, 9.2.1, 9.2.2, 9.2.3 (2007) (ML071810034, ML071830296, ML071830302, ML071830304) (NRC 2007).
NRC000009	A. Kugler	U.S. Nuclear Regulatory Commission, Staff Memorandum from Andrew Kugler, Senior Project Manager, to Brent Clayton, RENV Branch Chief, <i>Supplemental Staff Guidance to NUREG 1555, "Environmental Standard Review Plan," (ESRP) for Alternatives Reviews</i> (Apr. 26, 2010) (ML100840031) (NRC 2010a).
NRC000010	A. Kugler; K. Cort	U.S. Nuclear Regulatory Commission, Staff Memorandum from Jack Cushing, Senior Project Manager, to Brent Clayton, RENV Branch Chief, <i>Supplemental Staff Guidance for Cumulative Effects Analysis</i> (Apr. 8, 2010) (ML100990271) (NRC 2010b).
NRC000011	A. Kugler; K. Cort	UniStar Nuclear Energy, Calvert Cliffs Nuclear Power Plant Unit 3 Combined License Application, Part 1: General Information, Revision 7, Section 1.1.3 (Dec. 20, 2010) (ML103620352) (UniStar 2010).
NRC000012	A. Kugler; K. Cort	Electricity Terms and Definitions, U.S. Department of Energy, Energy Information Administration, http://www.eia.gov/cneaf/electricity/page/glossary.html (last visited on Sept. 19, 2011) (DOE/EIA 2011a).
NRC000013	A. Kugler; K. Cort	John Hynes, <i>How to Compare Power Generation Choices</i> , Renewable Energy World.com (Oct. 29, 2009), http://www.renewableenergyworld.com/rea/news/article/2009/10/how-to-compare-power-generation-choices (Hynes 2009).
NRC000014	A. Kugler; K. Cort	Maryland Public Service Commission, In the Matter of the Application of UniStar Nuclear Energy, LLC and UniStar Nuclear Operating Services, LLC for a Certificate of Public Convenience and Necessity to Construct a Nuclear Power Plant at Calvert Cliffs in Calvert County, Maryland, Case Number 9127, Order Number 82741 (June 26, 2009) (MPSC 2009a).
NRC000015	A. Kugler; K. Cort	Maryland Public Service Commission, In the Matter of the Application of UniStar Nuclear Energy, LLC and UniStar Nuclear Operating Services, LLC for a Certificate of Public Convenience and Necessity to Construct a Nuclear Power Plant at Calvert Cliffs in Calvert County, Maryland, Case Number 9127, Proposed Order of Hearing Examiner (Apr. 28, 2009) (MPSC 2009c).

NRC Staff Exhibit #	Witness/Panel	Description
NRC000016	A. Kugler; K. Cort	Maryland Public Service Commission, Ten-Year Plan (2008-2017) of Electric Companies in Maryland (2009), <i>available at</i> http://webapp.psc.state.md.us/Intranet/psc/Reports/new.cfm (MPSC 2009b).
NRC000017	A. Kugler; K. Cort	Maryland Public Service Commission, Electric Supply Adequacy Report of 2007 (2007), <i>available at</i> http://webapp.psc.state.md.us/Intranet/Reports/2007SupplyAdequacyReport_01172007.pdf (MPSC 2007).
NRC000018	A. Kugler; K. Cort	Maryland Public Service Commission, Ten-Year Plan (2009 – 2018) of Electric Companies in Maryland (2010), <i>available at</i> http://webapp.psc.state.md.us/Intranet/psc/Reports/new.cfm (MPSC 2010).
NRC000019	A. Kugler; K. Cort	ReliabilityFirst Corporation, Long Term Resource Assessment 2009-2018 (2009) (ML100481002) (RFC 2009).
NRC000020	A. Kugler; K. Cort	<i>ReliabilityFirst – About Us</i> , ReliabilityFirst Corporation, https://first.org/Pages/AboutUs.aspx (last visited Oct. 17, 2011) (RFC 2011).
NRC000021	A. Kugler; K. Cort	U.S. Department of Energy, Energy Information Administration, Levelized Cost of New Generation Resources in the Annual Energy Outlook 2011 (2010), <i>available at</i> http://205.254.135.24/oiaf/aeo/electricity_generation.html (DOE/EIA 2010b).
NRC000022	A. Kugler; K. Cort	U.S. Department of Energy, Energy Information Administration, Annual Energy Outlook 2011, DOE/EIA-0383, Table 58.9 (2011), <i>available at</i> http://www.eia.gov/oiaf/aeo/tablebrowser/#release=AEO2011&subject=0-AEO2011&table=67-AEO2011&region=3-9&cases=ref2011-d020911a (DOE/EIA 2011b).
NRC000023	A. Kugler; K. Cort	Maryland Public Service Commission, Final Report Under Senate Bill 400: Options for Re-Regulation and New Generation (Dec. 16, 2008), <i>available at</i> http://webapp.psc.state.md.us/Intranet/sitesearch/MD%20PSC%20Slide%20Presentation_12.16.08_Re%20SB%20400%20Final%20Report.pdf (MPSC 2008b).
NRC000024	A. Kugler; K. Cort	Walter Musial & Bonnie Ram, National Renewable Energy Laboratory, Large-Scale Offshore Wind Power in the United States; Assessment of Opportunities and Barriers, NREL/TP-500-40745 (2010) (NREL 2010).
NRC000025	A. Kugler; K. Cort	<i>Roth Rock</i> , Gestamp Wind, http://www.gestampwind.com/en/business/innovating-projects/roth-rock (last visited Oct. 18, 2011) (Gestamp 2011).

NRC Staff Exhibit #	Witness/Panel	Description
NRC000026	A. Kugler; K. Cort	<i>Power Generation: Generation Facilities</i> , Constellation Energy, http://www.constellation.com/portal/site/constellation/menuitem.24df26f4581930908d84ff10025166a0 (last visited Jan. 7, 2011) (Constellation 2011).
NRC000027	A. Kugler; K. Cort	U.S. Department of Interior, Interior Initiates Process for First “Smart for the Start” Lease for Commercial Wind Power Offshore Delaware: Determines No Competitive Interest for Area Proposed by NRG Bluewater Wind Delaware, LLC (2011), <i>available at</i> http://www.doi.gov/news/pressreleases/Interior-Initiates-Process-for-First-Smart-from-the-Start-Lease-for-Commercial-Wind-Power-Offshore-Delaware.cfm (ML 110950238) (DOI 2011).
NRC000028	A. Kugler; K. Cort	Maryland Public Service Commission, Ten-Year Plan (2010 – 2019) of Electric Companies in Maryland (2011), <i>available at</i> http://webapp.psc.state.md.us/Intranet/psc/Reports/new.cfm (MPSC 2011).
NRC000029	A. Kugler; K. Cort	U.S. Department of Energy, Office of Energy Efficiency & Renewable Energy, 2010 Wind Technologies Market Report (2011), <i>available at</i> http://www1.eere.energy.gov/windandhydro/pdfs/51783.pdf (DOE/EERE 2011).
NRC000030	A. Kugler; K. Cort	<i>Cape Wind Energy Project Permit Application Cape Wind Associates, LLC</i> , U.S. Army Corps of Engineers, http://www.nae.usace.army.mil/projects/ma/capeWind.htm (last visited Oct. 19, 2011) (Corps 2011).
NRC000031	A. Kugler	U.S. Nuclear Regulatory Commission, NUREG-1437, <i>Generic Environmental Impact Statement for License Renewal of Nuclear Plants</i> , Volume 1, Section 8.3.1 and Table 8.1 (1996), <i>available at</i> http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1437/ (NRC 1996).
NRC000032	A. Kugler	U.S. Department of the Interior, Minerals Management Service, Cape Wind Energy Project, Final Environmental Impact Statement (2009), <i>available at</i> http://www.boemre.gov/offshore/RenewableEnergy/CapeWindFEIS.htm (MMS 2009).
NRC000033	A. Kugler	U.S. Department of Energy, Energy Information Administration, An Updated Annual Energy Outlook 2009 Reference Case Reflecting Provisions of the American Recovery and Reinvestment Act and Recent Changes in the Economic Outlook, SR/OIAF/2009-03 (2009), <i>available at</i> http://www.eia.doe.gov/oiaf/servicert/stimulus/index.html (ML 100490743) (DOE/EIA 2009).
NRC000034	A. Kugler; K. Cort	Southern Co. and Georgia Institute of Technology, Southern Winds: Summary Project Report 2007: A Study of Wind Power Generation Potential off the Georgia Coast (2007), <i>available at</i> http://www.energy.gatech.edu/research/Summary-Southern-Winds.pdf (Southern and GIT 2007).

NRC Staff Exhibit #	Witness/Panel	Description
NRC000035	A. Kugler; K. Cort	U.S. Department of Energy, Energy Information Administration, Annual Energy Outlook 2010, DOE/EIA-0383, Tables A9 and 90 (2010), available at http://www.eia.doe.gov/oiia/archive/aeo10/index.html (ML111170385) (DOE/EIA 2010a).
NRC000036	A. Kugler; K. Cort	U.S. Department of Energy, Office of Energy Efficiency & Renewable Energy, 2008 Solar Technologies Market Report (2010), available at http://www1.eere.energy.gov/library/asset_handler.aspx?src=http://www1.eere.energy.gov/solar/pdfs/46025.pdf&id=4129 (DOE/EERE 2010).
NRC000037	A. Kugler; K. Cort	<i>Solar Installation at Perdue to be One of East Coast's Largest</i> , Renewable Energy World.com (Jan. 18, 2011), http://www.renewableenergyworld.com/rea/partner/standard-solar-inc/news/article/2011/01/solarinstallation-at-perdue-to-be-one-of-east-coasts-largest/ (RenewableEnergyWorld.com 2011).
NRC000038	A. Kugler; K. Cort	Tina Casey, <i>Baltimore GM Factory Grows with Solar Power</i> , TriplePundit (May 23, 2011), http://www.triplepundit.com/2011/05/baltimore-gm-solar-power/ (TriplePundit 2011).
NRC000039	A. Kugler; K. Cort	Tim Wheeler, <i>MD's largest solar project under construction</i> , B'more Green Blog (Sept. 29, 2011), available at http://weblogs.baltimoresun.com/features/green/2011/09/mds_largest_solar_project_unde.html (B'moreGreen 2011).
NRC000040	A. Kugler; K. Cort	Samir Succar & Robert H. Williams, Princeton University: Energy Systems Analysis Group, <i>Compressed Air Energy Storage: Theory, Resources, and Applications for Wind Power</i> (2008), available at http://www.princeton.edu/~ssuccar/caesReport.html (Succar and Williams 2008).
NRC000041	A. Kugler; K. Cort	<i>ConocoPhillips Joins \$54.5M Series B for General Compression</i> , Houston citybizlist (June 7, 2011), http://Houston.citybizlist.com/17/2011/6/7/ConocoPhillips-Joins-54.5B-Series-B-for-General-Compression.aspx (Houstoncitybizlist 2011).
NRC000042	A. Kugler; K. Cort	Alison M. Conner & James E. Francfort, Idaho National Engineering and Environmental Laboratory, U.S. Hydropower Resource Assessment for Maryland DOE/ID-10430(MD) (1997) (Conner and Francfort 1997).
NRC000043	A. Kugler; K. Cort	"Prefiled Rebuttal Testimony of Andrew J. Kugler, and Katherine A. Cort Regarding Contention 10C" and "Affidavit of Andrew J. Kugler Concerning Prefiled Rebuttal Testimony of Andrew J. Kugler and Katherine A. Cort Regarding Environmental Contention 10C" and "Affidavit of Katherine A. Cort Concerning Prefiled Rebuttal Testimony of Andrew J. Kugler and Katherine A. Cort Regarding Environmental Contention 10C".

NRC Staff Exhibit #	Witness/Panel	Description
NRC000044	A. Kugler; K. Cort	Bureau of Ocean Energy Management, Renewable Energy Programs, Current Projects. http://www.boem.gov/Renewable-Energy-Program/Current-Projects/Index.aspx
NRC000045	A. Kugler; K. Cort	NRG Bluewater Wind, Process and Timeline. http://www.nrgenergy.com/nrgbluewaterwind/de_timeline.html
NRC000046	A. Kugler; K. Cort	EPR™ Reactor: The Very High Power Reactor (1,650 MWE). http://www.aveva.com/EN/global-offer-419/epr-reactor-one-of-the-most-powerful-in-the-world.html

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)
)
CALVERT CLIFFS 3 NUCLEAR PROJECT, LLC,)
AND UNISTAR NUCLEAR OPERATING) Docket No. 52-016-COL
SERVICES, LLC)
)
(Calvert Cliffs Nuclear Power Plant, Unit 3))

CERTIFICATE OF SERVICE

I hereby certify that copies of the NRC Staff letter dated January 13, 2012, providing a combined list of NRC staff pre-filed direct and rebuttal exhibits, has been served upon the following persons by Electronic Information Exchange this 13th day of January, 2012:

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Dated at Rockville, Maryland
this 13th day of January, 2012