

June 30, 2011

Ms. Ellie Irons
Virginia Department of
Environmental Quality
P.O. Box 1105
Richmond, VA 23218

SUBJECT: PUBLIC COMMENTS RECEIVED BY VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY RELATED TO THE FEDERAL CONSISTENCY CERTIFICATION FOR THE PROPOSED NUCLEAR UNIT 3 AT THE NORTH ANNA POWER STATION

Dear Ms. Irons:

On April 11, 2011, the U.S. Nuclear Regulatory Commission (NRC) received your memorandum containing a summary of comments submitted to the Virginia Department of Environmental Quality (VDEQ) regarding the proposed North Anna Power Station Unit 3. These comments were received during VDEQ's public comment period associated with the Commonwealth's review of a federal consistency certification (FCC) submitted by Dominion Virginia Power (Dominion) per the Coastal Zone Management Act of 1972. The FCC is related to Dominion's application to the NRC for a combined license (COL) to construct and operate a third nuclear reactor at their North Anna Power Station (NAPS). Your memorandum states that some of the comments you received are not within the scope of your review and that members of the public requested that you forward any such comments to the appropriate agencies.

A review of your comment summary indicates that many of the comments you received relate to the NRC's licensing action. Many of the issues addressed in your memorandum have been evaluated and documented in two environmental impact statements (EISs) prepared by the NRC for the NAPS, Unit 3 Project. In addition, some comments appear to be directed toward matters of nuclear safety and emergency preparedness. Those matters are evaluated as part of the NRC's safety review which is a separate but parallel process to the environmental review. Some safety issues were addressed as part of the Early Site Permit (ESP) review and other issues are still under evaluation. The NRC web page from which to access the publicly available information related to the ongoing NAPS, Unit 3 safety and environmental reviews can be viewed at <http://www.nrc.gov/reactors/new-reactors/col/north-anna.html>.

Specifically, those comments related to hydrology (normal plant cooling; thermal discharges; water quality), socioeconomics (impacts to infrastructure, aesthetics, and growth), air quality, and environmental impacts of waste storage are addressed in the two previously mentioned EISs. The EIS prepared during the ESP review (NUREG-1811) can be viewed at <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1811>. A supplemental EIS has also been published as part of the ongoing COL review (NUREG-1917) and can be accessed at <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1917>. For siting issues related to the safety review (site seismology, and emergency preparedness addressed in ESP),

commenters are referred to the Safety Evaluation Report prepared during the ESP review (NUREG-1835) at <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1835>. Those safety issues not addressed during the ESP, including loss of offsite power emergency cooling, and portions of emergency preparedness are currently being evaluated as part of the COL review. Dominion's Final Safety Analysis Report (FSAR), which is part of their COL application, can be found at <http://adamswebsearch2.nrc.gov/idmws/ViewDocByAccession.asp?AccessionNumber=ML102040544>.

As part of the NRC's current review of Dominion's COL application, (revised in June 2010 to reference the U.S. Advanced Pressurized-Water Reactor design), the staff will determine, among other things, if the design of the facility falls within the site characteristics and design parameters specified in the ESP, and whether the revised application contains new and significant information for issues related to the impacts of construction and operation of the proposed facility. The comments in your memorandum will be considered for new and significant information to inform the ongoing review. This evaluation will be documented in a draft supplemental EIS which will be available for public comment for 75 days immediately following its issuance.

Your memorandum indicates that commenters also expressed concern regarding the events in Japan. The NRC is undertaking a number of actions in response to the events in Japan. The NRC staff will analyze the events in Japan and develop lessons learned and recommendations to improve plant safety, as appropriate. The review may involve other Federal departments and agencies, as necessary. Lessons learned will be used to develop longer-term agency actions.

For more information on the Japan nuclear accident and NRC's actions, please visit <http://www.nrc.gov/japan/japan-info.html>.

E. Irons

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If you have any questions regarding this response, please contact Ms. Tamsen Dozier at 301-415-2272 or via e-mail to tamsen.dozier@nrc.gov.

Sincerely,

/RA/

Brent Clayton, Acting Chief
Environmental Projects Branch 1
Division of Site and Environmental Reviews
Office of New Reactors

Docket No.: 52-017

cc: See next page

E. Irons

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If you have any questions regarding this response, please contact Ms. Tamsen Dozier at 301-415-2272 or via e-mail to tamsen.dozier@nrc.gov.

Sincerely,

/RA/

Brent Clayton, Acting Chief
Environmental Projects Branch 1
Division of Site and Environmental Reviews
Office of New Reactors

Docket No.: 52-017

cc: See next page

DISTRIBUTION:

PUBLIC

- T.Dozier, NRO
- A. Williamson, NRO
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NRO-002

OFFICE	NRO/DSER/RAP1:PM	NRO/DSER/RAP1:LA	OGC	OPA	NRO/DSER/RAP1:BC
NAME	TDoizer	GHawkins	RWeisman (NLO) w/cmnts	SBurnell	BClayton
DATE	5/16/11	5/13/11	6/10/11	5/25/11	6/30/11

OFFICIAL AGENCY RECORD

COL - North Anna Mailing List
cc:

Rev. 5/12/2011

Ms. Eleanor Amidon
CCPJ / PACE
931 Tanbark Drive
Afton, VA 22920

Mr. Bob Arment
408 Lakeway Rd.
Mineral, VA 23117

Mr. Dwight Baker
Cumberland Consulting
68 Perkins Rd.
Centerville, VA 23027

Mr. Kenneth Ball
Dept. of Mechanical Engineering
Virginia Tech
Blacksburg, VA 24060

Mr. Jim Barnes
Louisa County Library Branch
Jefferson-Madison Regional Library
881 Davis Highway
Mineral, VA 23117

Mr. Jay R. Bolon
318 Lois Lane
Mineral, VA 23117

Mr. Bill Borduin
Lake Anna Civic Association
637 Bear Castle Drive
Bumpass, VA 23024

Mr. Steve Boretos
5116 Ridge Rd.
Spotsylvania, VA 23117

Mr. Benjamin T. Brown
3687 Turnpike Rd.
Lexington, VA 24450

Mr. James A. Bryan
P.O. Box 30
Batesville, VA 22924

Mr. Roy Btleir
87 Bear Castle Drive
Bumpass, VA 23024

Mr. Brian Buckley
Catholic Worker
15560 Louisa Rd.
Trevilians, VA 23170

Mr. Pratt Cherry
Nuclear Advocacy Network
9318 Broad Meadows Rd.
Glen Allen, VA 23060

Ms. Shelley Chick-Gravel
Branch Manager
C Melvin Snow Memorial Library
8740 Courthouse Rd
Spotsylvania, VA 22553

Mr. David A. Christian
Sr. Vice President & Chief Nuclear Ofcr
Dominion Resources Services, Inc.
Innsbrook Technical Center
5000 Dominion Blvd.
Glen Allen, VA 23060-6711

Mr. Dick Clark
President
Oakridge Civic Association
2212 Founders Bridge Rd.
Midlothian, VA 23113

Mr. Michael M. Cline
State Coordinator
Virginia Department Of Emergency Mgmt
10501 Trade Court
Richmond, VA 23236-3713

Mr. Ted Coberly
Orange County Administrator
P.O. Box 111
Orange, VA 22690

COL - North Anna Mailing List
cc:

Rev. 5/12/2011

Mr. W. Craig Conkin, Director
Chemical and Nuclear Preparedness &
Protection Div. (CNPPD)
Office. Of Infrastructure Protection
Dept. of Homeland Security
Washington, DC 20528

Ms. Myra Cramer
Hanover Branch Library
7527 Library Dr.
Hanover, VA 23069

Ms. Barbara J. Crawford
139 Cedar Hill Trail
Mineral, VA 43117

Ms. Lillian M. Cuoco, Esq.
Senior Counsel
Dominion Resources Services, Inc.
Rope Ferry Road
Building 475, 5th Floor
Waterford, CT 06385

Ms. Julie Curry
P.O. Box 141
Batesville, VA 22924

Ms. Jana Cutlip
Green Party of Virginia
P.O. Box 161
Batesville, VA 22924

Mr. John Daily
ITRON
19261 Bowles Knobb Drive
Rockville, VA 22924

Ms. Barbara Davison, Branch Manager
Salem Branch Library
2607 Salem Church Rd
Fredericksburg, VA 22406

Mr. Donald Day
Piedmont Alliance for Safe Energy
151 Buckingham Circle
Charlottesville, VA 22903

Mr. Rusty Dennen
The FreeLance Star
616 Amelia St.
Fredericksburg, VA 22401

Mr. Erich W. Dreye
566 Kellon Drive
Louisa, VA 23043

Mr. Mike Duffey
Dominion
16119 Goshen Rd.
Montpelier, VA 23192

Dr. Ethel Eaton, Manager
Office of Review and Compliance
Virginia Department of Historic Resources
2801 Kensington Avenue
Richmond, VA 23221

Ms. Renee Edwards
755 Bohannon Rd.
Bumpass, VA 23024

Mr. Tom Faha
Virginia DEQ
Northern Virginia Regional Office
1301 Crown Court
Woodbridge, VA 22193

Mr. Marvin Fertel, Sr. VP
Chief Nuclear Officer
Nuclear Energy Institute
1776 I St., NW, Ste. 400
Washington, DC 20006-3708

Mr. Barry Fleming
State Representative
170 Wes Forrest Street
Harlem, GA 30814

Mr. Todd Flowers
4013 Stuart Avenue
Richmond, VA 23060

Mr. Sam Forrest
1800 Rock Quarry Road
Louisa, VA 23093

COL - North Anna Mailing List
cc:

Rev. 5/12/2011

Chris L. Funderburk, Director
Nuclear Licensing & Operations Support
Virginia Electric Power Company
Innsbrook Technical Center
500 Dominion Blvd.
Glen Allen, VA 23060-6711

Mr. Willie Gentry
15543 Cross Co. Road
Mineral, VA 23117

Mr. Robert Gibson
P.O. Box 160
Louisa, VA 26093

Ms. Carrie E. Girstantas, ME
Dept. Of Systems Engineering
University of Virginia
1111 Sherwood Avenue
Charlottesville, VA 22903

Aviv Goldsmith
6147 Hickory Ridge Rd.
Spotsylvania, VA 22553

Shawn Goodman
P.O. Box 2669
Spotsylvania, VA 22553

Mr. Richard Goss, Planning Director
County of Spotsylvania
P.O. Box 876
Spotsylvania, VA 22553

Mr. R. Duff Green
Orange County Emergency Manager
P.O. Box 111
Orange, VA 22960

Mr. Fred Gruber
59 S. Lakeshore Dr.
Louisa, VA 23093

Mr. Eric Gracyalny
8308 Whistler Rd.
Richmond, VA 23227

Mr. Addison Hall
10267 Anyhow Ct.
Mechanicsville VA 23116
Ms. Vicky Ann Harte
311 Club Rd.
Louisa, VA 23093

Mr. Tim E. Hermann, Vice President
Nuclear Engineering
AmerenUE
P.O. Box 620
Fulton, MO 65251

Casey Herndon
Living Education Center
for Ecology and the Arts
2422 Jefferson Park Avenue
Charlottesville, VA 22903

Ms. Katie Hill
Branch Manager
Orange County Library
146A Madison Rd
Orange, VA 22960

Ms. Jean Moss Holland
254 Moss Lane
Bumpass, VA 23024

Mr. Dan Holmes
Piedmont Environmental Council
P.O. Box 266
Orange, VA 22960

Mr. Jacob Hosen
1206-B Jamestown Rd.
Williamsburg VA 23185-3307

Mr. Nick Howard
3864 Tree Chopt Rd.
Glen Spring, VA 23065

Mr. John A. Hoyt
320 Bear Castle Drive
Bumpass, VA 23024

COL - North Anna Mailing List
cc:

Rev. 5/12/2011

Ms. Martha Hutzell
C. Melvin Snow Memorial
Branch Library
8740 Courthouse Rd.
Spotsylvania, VA 22553

Ms. Jean Hyatt
1534 Rugby Ave.
Charlottesville, VA 22903

Ms. Ellie Irons
Virginia DEQ
629 E. Main St., Rm. 631
Richmond, VA 23219

Tevuo Ishii
1120 Connecticut Ave., N.W.
Ste. 1070
Washington, DC 20036

Dale Jones
Lake Anna Boating
& Rec Association
2561 Peach Grove Rd.
Louisa, VA 23093

Terry M. Jones
P.O. Box 95
Louisa, VA 23093

Ms. Carolyn Kardan
1889 Wilmington Road
Palmyre, VA 22963

Page Kemp
Dominion NAPS
171 Kents Mill Rd.
Louisa, VA 23093

Ms. Rebecca D. Kepler
NA-YGN
4902 Evelyn Byrd Rd.
Richmond, VA 23225

Mr. Jon Kessler
1125 Little High Street
Charlottesville, VA 22902

Ms. Marilyn Kray, President
NuStart Energy Development, LLC
200 Exelon Way, KSA3-N
Kennett Square, PA 19348

Mr. C. Edward Kube, Jr.
Orange County Administrator
P.O. Box 111
Orange, VA 22960

Dr. W. T. Lough
Virginia State Corp Commission
Division of Energy Regulation
P.O. Box 1197
Richmond, VA 23209

Ms. Irene Luck
The Central Virginian
P.O. Box 464
Louisa, VA 23093

Tyla Maheson
4896 Burnham Rd.
Richmond, VA 23234

Mr. Jack Manzari
Louisa Chamber of Commerce
547 Spring Valley Farm Lane
Mineral, VA 23117

Ms. Rena Martin-Erick
People's Alliance for Clean Energy
138 Twin Oaks Rd., #D-4
Louisa, VA 23093

Mr. Robert H. Meier
26 Lizzie Lane
Bumpass, VA 23024

Ms. Deana Meredith
Louisa Chamber of Commerce
P.O. Box 955
Louisa, VA 23093

Mr. Walt Michelski
145 Jerdone Island Drive
Bumpass, VA 23024

COL - North Anna Mailing List
cc:

Rev. 5/12/2011

Mr. Ron Mickens
Dominion
8908 Leeds Ct.
Fredericksburg, VA 22408

Pat and Ed Mitchell
9626 Fredericks Hall Rd.
Mineral, VA 23117

Ms. Lisa Morgan
Branch Manager
Hanover Branch Library
P O Box 119
Hanover, VA 23069

Mr. Bill Murphey
Lake Anna Civic Association
449 Larkway Rd.
Mineral, VA 23117

Mr. Dale G. Mullen
Louisa County Administrator
Louisa County
Administrative Dept
PO Box 160
Louisa, VA 23093

Mr. Michael Murphy
VA DEQ
P.O. Box 10009
Richmond, VA 23240

Ms. Gail Ott, Branch Manager
Jefferson-Madison Regional Library
881 Davis Hwy
Mineral, VA 23117

Mr. Steve Owens
VA Dept. Inland Fisheries
1320 Belman Rd.
Fredericksburg, VA 22401

Mr. Rob Pates
310 Brentwood Rd.
Charlottesville, VA 22901

Mr. Dan Patton
6637 Wind Ridge Rd.
Mt. Airy, MD 21771

Mr. Jim Peck
139 Rhett Butler Drive
Bumpass, VA 23024

Mr. Dan Penn
Pine Harbour P.O.A.
459 Pine Harbour Drive
Mineral, VA 23117

Michael and Deborah Pinion
2570 Wanstead Ct.
Richmond, VA 23238

Ms. Vanessa E. Quinn
Acting Director
Technological Hazards Division
National Preparedness Directorate
FEMA
500 C Street NW
Washington, DC 20472

Ms. Meg Raymond
Salem Church Library
2607 Salem Church Rd.
Fredericksburg, VA 22407

Mr. Ernest Reed
Living Education Center for Ecology
& the Arts
P.O. Box 2612
Charlottesville, VA 22902

Mr. Ken Remmers
Waterside Prop. On Association
2301 Waterside Drive
Bumpass, VA 23024

Mr. William C. Rolfe
Assist. County Administrator
P.O. Box 111
Orange, VA 22690

Ms. Virginia Romyak
6861 Castleberry Ct.
Crozet, VA 22932

Mr. Marilyn Root
Lake Anna Observer
191 Lakewood Landing Drive
Bumpass, VA 23024

COL - North Anna Mailing List
cc:

Rev. 5/12/2011

Mr. Harry Ruth
For the Friends of Lake Anna
c/o 230 Heather Drive
Bumpass, VA 23024

Mr. Alan Summerville
ICF International
9300 Lee Highway
Fairfax, VA 22301-1207

Ms. Olivia Ryan
Valere Real Estate
9924 Kentucky Springs Rd.
Mineral, VA 23117

Ms. Joann Tetrault
Librarian
Louisa County Public Library
881 Davis Highway
Mineral, VA 23117

Mr. Fred Salmons
IWOE
3801 Jefferson Davis Hwy.
Richmond, VA 23223

Abhaya Thiele
406 Key West Dr.
Charlottesville VA 22911

Mr. Russell R. Savedge, Jr.
5000 Dominion Blvd.
Glen Allen, VA 23603

Mr. Troy B. Tignor, CZA
Zoning Administrator
County of Spotsylvania
P.O. Box 220
Spotsylvania, VA 22553

Ms. Lisa Shell
North American
Young Generation Nuclear
500 Dominion Blvd.
Glen Allen, VA 23060

Mr. Ray Turyel
87 Sandy Point Drive
Bumpass, VA 23024

Mr. Robert Singleterry
617 Todd Trail
Newport News, VA 23602

Mr. Asa Vegodsky
108 Eastbrook Ct.
Charlottesville, VA 22901

Mr. Ben Slone
2052 Maidens Rd.
Maidens, VA 23102

Mr. Gary Voelker
Lake Anna Civic Association
11708 Jonas Adolph Lane
Bumpass, VA 23024

Mr. Doug Smith
Lake Anna Civic Association
4147 Chalklevel Rd.
Louisa, VA 23093

Mr. Howard West
138 Rhett Butter Dr.
Bumpass, VA 23024

Ms. Kathryn A. Smith
County of Spotsylvania
P.O. Box 99
Spotsylvania, VA 22553

Mr. Tom Wilcox
VA Dept. Of Game &
Inland Fisheries
4010 West Broad St.
Richmond, VA 23230

Mr. Robert B. Strobe, M.D., M.P.H.
State Health Commissioner
Office of the Commissioner
Virginia Dept. of Health
P.O. Box 2448
Richmond, VA 23218

Ms. Alexis Zeigler
912 Woodfolk Dr.
Charlottesville, VA 22902

COL - North Anna Mailing List
cc:

Rev. 5/12/2011

Mr. Richard Zuercher
Dominion
500 Dominion Blvd.
Glen Allen, VA 23060

Chief Kenneth Branham
Monacan Indian Nation
PO Box 1136
Madison Heights, VA 24572

Mr. Kevin Magerr
US EPA – Region 3
Office of Environmental Programs (3EA30)
Environmental Assessment &
Innovation Division
1650 Arch St
Philadelphia, PA 19103

Chief Carl Custalow
Mattaponi Tribe
1467 Mattaponi Reservation Circle
West Point, VA 23181

Ms. Carolyn Connella
515 East Liberty Street
Wytheville, VA 24382

Chief Stephen Adkins
Chickahominy Tribe
8200 Lott Cary Road
Providence Forge, VA 23140

Mr. Eugene S. Grecheck
VP – Nuclear Development
Dominion Virginia Power
5000 Dominion Boulevard
Glen Allen, VA 23060

Chief Glenna J. Wallace
Eastern Shawnee Tribe of Oklahoma
PO Box 350
Seneca, Missouri 64865

Mr. Reid Nelson, Director
Office of Federal Agency Programs
ACHP
Old Post Office Bldg
1100 Pennsylvania Ave, NW, Ste 809
Washington, DC 20004

Chief Kenneth Adams
Upper Mattaponi Tribe
Route 1, Box 182
King William, VA 23086

Ms. Cindy Schultz, Field Supervisor
US Fish & Wildlife Service
Virginia Field Office
6669 Short Lane
Gloucester, VA 23061

Chief Walt “Red Hawk” Brown
Cheroenhaka (Nottoway) Indian Tribe
PO Box 397
Courtland, VA 23837

Mr. Roger Kirchen, Archaeologist
VA Dept of Historic Resources
2801 Kensington Ave
Richmond, VA 23221

Chief Gene “Pathfollower” Adkins
Chickahominy Indians Eastern Div
3120 Mt. Pleasant Rd
Providence Forge, VA 23140

Wenonah Haire
Tribal Historic Preservation Officer
Catawba Indian Tribe
PO Box 750
Rock Hill, SC 29731

Chief, Robert “Two Eagles” Green
Patawomeck Indian Tribe
534 Fagan Dr
Fredericksburg, VA 22405

Chief Lynette Lewis Allston
Nottoway Indian Tribe of Virginia
PO Box 246
Capron, VA 23829

Chief Kevin Brown
Pamunkey Tribal Government
175 Lay Landing Rd
King William, VA 23086

COL - North Anna Mailing List
cc:

Rev. 5/12/2011

Michell Hicks, Principal Chief
Eastern Band of the Cherokee Nation
PO Box 460
Cherokee, NC 28719

Chief George Wickliffe
United Keetowah Band of
Cherokee Indians in Oklahoma
PO Box 746
Tahlequa, OK 74465

Mr. Ron Sparkman, Tribal Chairman
The Shawnee Tribe
PO Box 189
Miami, OK 74355

Chief G. Anne Richardson
Rappahannock Tribe
5036 Indian Neck Rd
Indian Neck, VA 23148

Chief Leo Henry
Tuscarora Nation
2006 Mt. Hope Rd
Lewiston, NY 14092

Mr. Neil Patterson, Jr., Director
Tuscarora Environment Program
Tuscarora Nation
2045 Upper Mountain Road
Sanborn, NY 14132

Chief Barry Bass
The Nansemond Indian Tribe
PO Box 6558
Portsmouth, VA 23703

Ms. Deanna Beacham
Virginia Council of Indians
PO Box 1475
Richmond, VA 23218

COL - North Anna Mailing List
cc:

Rev. 5/12/2011

Email

Ball@VT.edu (Kenneth Ball)
Carolyn.Cannella@usace.army.mil (Carolyn Cannella)
jonesyc@peoplepc.com (Barbara Crawford)
willie@buck.com (Willie Gentry)
Victoria-057@yahoo.com (Vicky Ann Harte)
iraznami@yahoo.com (Jack Manzari)
info@louisachamber.org (Deana Meredith)
dpatton@bechtel.com (Dan Patton)
ksmith@spotsylvania.va.us (Kathryn A. Smith)
dougsmith@firstva.com (Doug Smith)