



PJM Interconnection, L.L.C.
2750 Monroe Boulevard
Audubon, PA 19403

Steven Pincus
Associate General Counsel
T: (610) 666-4370 | F: (610) 666-8211
Steven.Pincus@pjm.com

January 25, 2018

The Honorable James Richard Perry
Secretary of the Energy
United States Department of Energy
1000 Independence Ave, SW
Washington, DC 20585

*Re: Report on Yorktown Units 1 and 2 Operations Pursuant to Order No. 202-18-2
Water Usage Report Associated with Unit 2 Operations Reported to the Secretary on
January 11, 2018*

Dear Secretary Perry:

Pursuant to Order No. 202-18-2 issued on December 13, 2017 (the “Order”) by the Secretary of Energy (“Secretary”) and as stated in the Report on Yorktown Unit 2 operations submitted to the Secretary on January 11, 2018 (the “January 11 Report”), PJM Interconnection, L.L.C. (“PJM”) and Virginia Electric and Power Company (“Dominion Energy Virginia”) respectfully submit the attached water usage report regarding PJM’s dispatch of Yorktown Unit 2 from January 2 through January 8, 2018, including the periods needed to cool down the plant and associated equipment until January 12. This report is submitted in accordance with the Secretary’s directive that every two weeks PJM and Dominion are to “report all dates between December 13, 2017 and March 12, 2018, on which Yorktown Units 1 and/or 2 are operated, and the associated air emissions and water usage data for those dates.”¹

The January 11 Report, as reported to the Secretary, is as follows:

On January 1, PJM directed Dominion Energy Virginia to have Yorktown Unit 2 available the next day, and Dominion Energy Virginia began the startup process at

¹ Order at page 2. As explained below, complete water usage data for the Unit 2 dispatch was not available in time for the air emissions report provided in the January 11 Report.

approximately 20 hundred hours, and the unit was on line and generating power on January 2 at about 17 hundred hours. PJM dispatched the unit off line around 11 hundred hours on January 8, and Dominion Energy Virginia determined that in the interests of safety and good operating practice, the unit would continue to run to empty the bunkers of coal. Emptying of the Yorktown coal bunkers is necessary and a standard operating procedure to prevent fires and to prevent the coal from packing and not flowing after sitting dormant for an extended period. That activity took until about 18 hundred hours on January 8.²

As explained in the January 11 Report, additional time was required to compile the water usage data due to operational requirements associated with the cool down of Unit 2's auxiliary equipment and lubrication fluids after the turbine metal reaches 300 °F.³ Thus, the January 11 Report could not include the intake circulating water usage for Yorktown Unit 2 operations and PJM and Dominion Energy Virginia committed to providing this data to the Secretary as soon as possible.

Attachment 1 to this letter is the report concerning the intake circulating water usage for Yorktown Unit 2 operations required by the Order.⁴ PJM and Dominion Energy Virginia respectfully submits the information in this report be accepted by the Secretary as compliant with the Order's directives that every two weeks PJM and Dominion to report all dates on which Yorktown Units 1 and/or 2 are operated between December 13, 2017 and March 12, 2018, as well as the water usage data associated with their operations.

² January 11 Report at page 2.

³ See, January 11 Report at page 3.

⁴ There have been no dispatch operations of Yorktown Unit 1 or Unit 2 from January 11, 2018, to the date of this report.

Respectfully submitted,

/s/ Steven R. Pincus

Steven R. Pincus
Associate General Counsel
PJM Interconnection, L.L.C.
955 Jefferson Avenue
Valley Forge Corporate Center
Norristown, PA 19403-2497
Phone: 610-666-4370
Email: pincus@pjm.com

Michael C. Regulinski
Managing General Counsel
Dominion Energy Services, Inc.
120 Tredegar Street, RS-2
Richmond, Virginia 23219
Phone: (804) 819-2794
Email: michael.regulinski@dominionenergy.com

Cc: Pat Hoffman, U.S. Department of Energy
Catherine Jereza, U.S. Department of Energy
Rakesh Batra, U.S. Department of Energy
Michael C. Regulinski, Dominion Energy Services, Inc.
Casey Roberts, Sierra Club Environmental Law Program

ATTACHMENT I

Yorktown Power Station January 2-12 2018 Circulating Water Usage

<i>Unit</i>	<i>On-Line</i>	<i>Off-Line</i>	<i>Days On-Line</i>	<i>Start-up Colling Water Pumps</i>	<i>Tubine Metal Temp < 300 deg</i>	<i>Total Cooling Water Days</i>	<i>Total Water Amount (Mgal)</i>
1	NA	NA	NA	NA	NA	NA	0
Million gallons of Intake Circulating Water through Unit 1							0

<i>Unit</i>	<i>On-Line</i>	<i>Off-Line</i>	<i>Days On-Line</i>	<i>Start-up Cooling Water Pumps</i>	<i>Tubine Metal Temp < 300 deg</i>	<i>Total Cooling Water Days</i>	<i>Total Water Amount (Mgal)</i>
2	1/2/18 17:22	1/8/18 18:41	6.05	12/31/17 12:15	1/12/18 11:00	11.95	1,360
Million gallons of Intake Circulating Water through Unit 2							1,360

Total million gallons through Unit 1 & 2							1,360
---	--	--	--	--	--	--	--------------