18. Internal Outfall 503:

Interim Configuration (Attachment 2):

In order to begin closure of the existing ~~ash~~ Ash ~~p~~Pond~~s~~ D, all comingled process water that has been pumped to Ash Pond D, as well as stormwater, must be removed. The modification application submitted by Dominion on August 20, 2015, noted that flexibility in the management of process water generated throughout the closure was necessary. As a result, the modification application provided a number of options for the handling and discharge of all comingled process water, as well as stormwater. Comingled process water includes ash dewatering water and stormwater in contact with ash, i.e., contact water, from the closure of Ash Ponds A, B, C, D, and E, as well as Outfall 501 water and Outfall 502 water.

During ash pond A, B, C, D, and E closure activities, discharge to Outfall 503 may ~~also~~ include comingled process water, ash dewatering water and/or contact water from these ponds with or without mixing of these sources. The discharge from ~~Ash Pond D~~Outfall 503 is to be managed through the use of a treatment system designed to address the monitoring and effluent limitations described above in Section 17.d.5 of the Fact Sheet. A cleaned area of Pond E may be used to provide storage and treatment prior to discharge to Outfall 503 during the interim configuration. For permitting purposes, staff has designated this interim operational configuration as Internal Outfall 503 (interim). It is staff's best professional judgement that the effluent limitations be applied to the discharge from the interim system after any and all storage of the comingled process water, or its individual sources. When applied in this manner compliance monitoring accurately characterizes the final effluent from the treated comingled water. Meeting effluent limits at Internal Outfall 503 (interim) will protect and maintain water quality at any of the outfalls identified as discharge options, while providing Dominion with the flexibility needed to achieve closure by the required deadline. It is envisioned that all of the comingled process wastewater, or its individual sources, will be treated prior to discharge in order to meet effluent limits. However, treatment is not mandatory or required if the effluent limits can be met otherwise. Accordingly, during the interim period, Internal Outfall 503 (interim) is authorized to discharge from the following outfalls: Outfall 001/002, Outfall 004, and/or Outfall 005.

19. Ash Pond A, B, C Complex:

On April 9, 2014, Dominion notified the Northern Regional Office of a discharge from an ash pond complex (Ash Ponds A, B, and C) located on a parcel of land between Possum Point Road and Quantico Creek. The Ash Pond A, B, and C complex was actively utilized from 1955 through the early 1960s. The drainage area containing the inactive ash pond complex had been accounted for within the facility's VPDES permit in the 1990s as a stormwater outfall not associated with industrial activity. However, after 1999 the outfall was no longer included in Dominion's reapplication packages due to its designation of not being associated with industrial activity.

DEQ staff observed the Ash Pond A, B, C complex on April 11, 2014 (Attachment 16). At the time, a discharge weir and discharge pipe remained in place at Ash Pond C which had a direct discharge to Quantico Creek. The modification request received on June 30, 2014, requested coverage for the discharge from the aforementioned weir. However, since the submission of that modification request Dominion has decided to clean-close the Ash Pond A, B, C complex. As part of the closure process, the discharge weir was sealed. A discharge has not occurred from this structure since May 2015. This permitting action does not authorize discharge from this weir structure. This ~~P~~permit allows discharge of Pond A, B, and C waters to internal Outfall 503.

Any ambient monitoring and/or groundwater monitoring required as a condition of closure will be regulated under the Virginia Solid Waste Management Regulations (9VAC20-81-10 et. Seq.) and a solid waste permit for closure and post closure issued pursuant to those regulations.