

Species Conclusions Table

Project Manager: Audrey Cotnoir	Project Name: Surry Power Plant Dredging and DMMA
Date: January 18, 2018	Project Number: NAO-2008-01451 and NAO-2016-01202

Project Description: Dominion proposes to perform maintenance dredging within an existing intake channel in the James River at the Surry Nuclear Power Station. Approximately 150,000 cubic yards of material is proposed to be hydraulically dredged to a depth of -12 feet (MLLW) within a 2,000 foot long by 150-foot wide channel. The dredged material will be placed at a new 54-acre upland Dredged Material Management Area (DMMA) located approximately 4 miles south of the power station off Hog Island Road.

Species Under the Jurisdiction of FWS:

Species/Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Species Info / Habitat Description	Notes / Determination
Northern long-eared bat (Myotis septentrionalis)	NLEB: Applying the 4(d) Rule; excepted from take	May affect	<p>"Northern long-eared bats spend winter hibernating in caves and mines, called hibernacula. They typically use large caves or mines with large passages and entrances; constant temperatures; and high humidity with no air currents. Specific areas where they hibernate have very high humidity, so much so that droplets of water are often seen on their fur. Within hibernacula, surveyors find them in small crevices or cracks, often with only the nose and ears visible.</p> <p>During summer, northern long-eared bats roost singly or in colonies underneath bark, in cavities, or in crevices of both live and dead trees. Males and non-reproductive females may also roost in cooler places, like caves and mines. This bat seems opportunistic in selecting roosts, using tree species based on suitability to retain bark or provide cavities or crevices. It has also been found, rarely, roosting in structures like barns and sheds."</p>	Project involves tree clearing of uplands (less than one acre) and some wetlands (0.096 acre) associated with above ground installation of the DMMA return water pipeline adjacent to an existing gravel road. Tree clearing is minimal.

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Eagles (<i>Haliaeetus leucocephalus</i>)				
Eagle Nests	nesting bald eagles	No Eagle Act permit required		
Eagle Concentration Areas	with bald eagle	No Eagle Act permit required		
Critical Habitat				
N/A	present			
Other (species not listed above)				

Species Under the Jurisdiction of NOAA/NMFS				
Essential Fish Habitat	Present			Time of Year Restrictions: No dredging between February 15 and June 30, of any year, in order to minimize impacts on anadromous fish and federally managed species
Anadromous Fish Use Area	Present			Time of Year Restrictions: No dredging between February 15 and June 30, of any year, in order to minimize impacts on anadromous fish and federally managed species
Subaquatic Vegetation	Not present			
NAFC Sandbar Shark	Present			
Atlantic Sturgeon	Critical habitat present	NLAA-Will consult with NOAA		Time of Year Restrictions: No dredging between February 15 and June 30, of any year, in order to minimize impacts on anadromous fish and federally managed species

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