

Did You Know?

- The lake was created by Dominion to provide cooling water for the North Anna Power Station.
- Lake Anna is 17 ½ miles long and 1 ½ miles wide.
- Offers 200 miles of shoreline.
- There are 9,600 acres in Lake Anna Reservoir and 3,400 acres in the private Waste Heat Treatment Facility.
- The Waste Heat Treatment Facility was formed by diking off a portion of the Lake Anna Reservoir, and consists of three cooling lagoons interconnected by canals.
- In 1972, the Commonwealth stocked the lake with 5 ½ million fish and it is restocked periodically.
- Some 33 species of fish thrive in the lake, including large mouth bass, striped bass and catfish.



The clearing of Lake Anna's bed started in 1968. This photo captures the clearing of the lake bed where the Pamunkey Creek and North Anna River intersect at Spotsylvania and Louisa County.



North Anna Nuclear Information Center

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Visit Us On The Internet At:
<http://www.dom.com>

Visiting Hours: Monday – Friday
9 a.m. to 4 p.m.
Closed Holidays
Admission Free

The Information Center offers numerous ways to learn about energy and electricity. Groups are welcome and should make reservations in advance to ensure program availability. Pack a lunch, and relax at our outdoor wooded picnic area.



Lake Anna



Dominion Virginia Power built Lake Anna and the Waste Heat Treatment Facility (WHTF) in the late 1960s to provide cooling for the North Anna Power Station. When the station is at full operation, about 2 million gallons per minute of water will pass through the station.

Waste Heat Treatment Facility

The water level in the WHTF fluctuates above or below the median operating level of 250.8 feet above msl. Docks in the WHTF should be constructed above the initial design limit of 251.5 feet. The water level fluctuates based on Lake Anna level and the number of circulating water pumps that are in service to support operation of North Anna. During refueling outages – typically one month in duration in the spring or fall – the circulating water pumps may be turned off on the outage unit, resulting in a temporary water level decrease of about 8.5 inches. During the winter months, two circulating water pumps are turned

The WHTF actual water temperature is available electronically on the <http://www.dom.com/about/stations/nuclear/north-anna/waste-heat-treatment-facility.jsp> website.

The North Anna Dam was built across the North Anna River and is 5,000 feet long and 90 feet high. The spillway is designed to discharge water from Lake Anna into the river. Spillway operators control the flow of water through the spillway to maintain water level at 250 feet above msl.

