From: "Harry Ruth" <HC.RUTH@LOUISA.NET>
To: "Ellie Irons (VDEQ)" <elirons@deq.virginia.gov>, "Jack Cushing (NRC)" <JXC9@NRC.GOV>
Date: 6/14/2006 1:42:41 PM
Subject: Lake Anna Cooling Lagoon concerns with the North Anna ESP

Dear Ms. Irons (VDEQ) and Mr. Cushing (NRC),

Attached please find three documents (1) Lake Anna Cooling Lagoon concerns with the North Anna ESP (Msword), (2) The North Anna Power Station proposed (Adobe), and (3) A Lake Anna Map w-cooling lagoon streams (Adobe). that we are submitting to identify our initial concerns and supporting documentation with the North Anna Early Site Permit (ESP) (Revision 6). We will forward additional concerns with the ESP after we have had sufficient time to review the material.

Please do not hesitate to call if you have any questions.

Sincerely,

Harry Ruth
for the Friends of Lake Anna
C/O 230 Heather Drive, Bumpass, Va. 23024
Phone 540-872-3632

CC: "Representative Eric Cantor (7th District)" <lloyd.lenhart@mail.house.gov>, "Delegate Bill Janis (56th Dist)" <Del_Janis@house.state.va.us>, "Delegate Chris Peace (97th Dist)" <delcpeace@house.state.va.us>, "Delegate Edward Scott (3oth Dist)" <delescott@house.state.va.us>, "Delegate Robert Orrock, Sr (54th Dist)." <delborrock@house.state.va.us>, "Senator Ryan McDougle" <district04@sov.state.va.us>, "Senator R. Edward Houck" <ehouck@adelphia.net>, "Tony Banks (Dominion)" <TONY_BANKS@DOM.COM>

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Subject: Lake Anna Cooling Lagoon concerns with the North Anna ESP
Creation Date 6/14/2006 12:33:12 PM
From: "Harry Ruth" <HC.RUTH@LOUISA.NET>

Created By: HC.RUTH@LOUISA.NET

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elirons (Ellie Irons (VDEQ))

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Files	**Size**	**Date & Time**

MESSAGE	791	6/14/2006 12:33:12 PM
TEXT.htm	2204	
VDEQ & NRC letter- Cooling Lagoon Concerns with North Anna ESP Rev 6 - 14Jun06.doc	54784	
Lake Anna Map 2 pages w-cooling lagoon streams-12June06.pdf	601102	
The North Anna Power Station proposed 1970.pdf	1271956	
Mime.822	2644556	

Options

Expiration Date:	None
Priority:	Standard
ReplyRequested:	No
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Concealed Subject:	No
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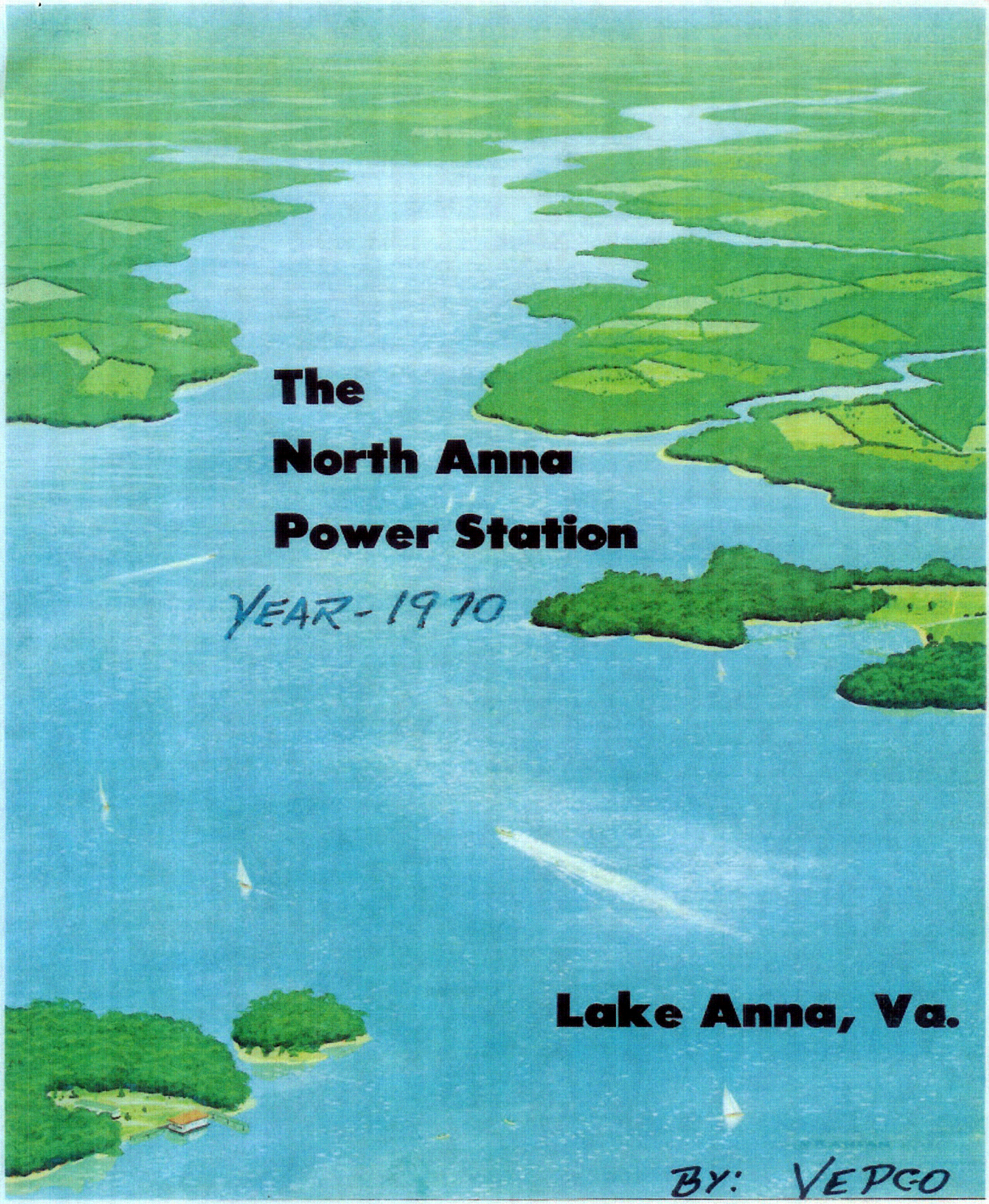
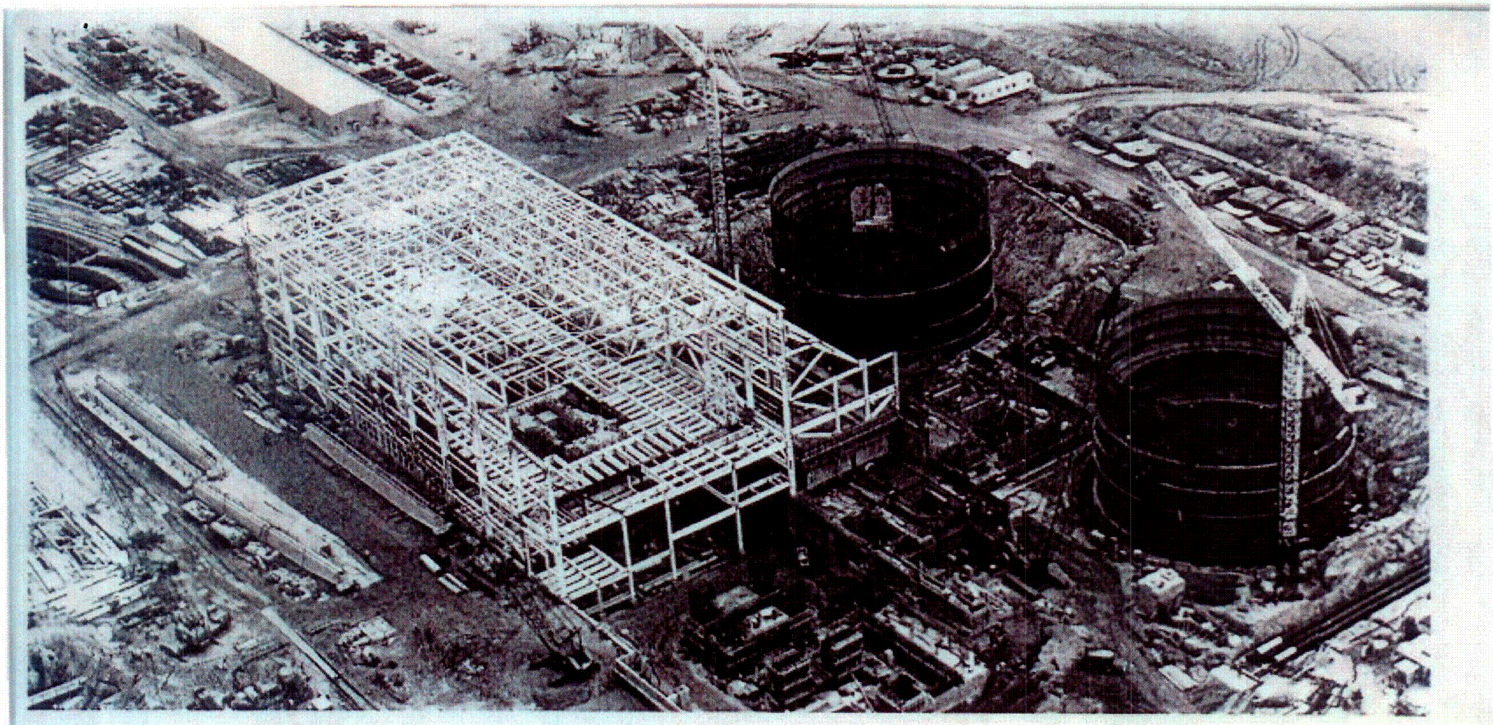

The
North Anna
Power Station
YEAR - 1970
Lake Anna, Va.
BY: VEPCO



The Station

The North Anna Power Station now under construction by Virginia Electric and Power Company in Louisa County will sit at the edge of a reservoir which will extend into Spotsylvania and Orange Counties.

Work is now in progress on two nuclear units scheduled for completion in 1974 and 1975. Plans have also been announced for the construction of two additional units, for service in 1977 and 1978.

The cooling lagoons and reservoir will be able to accommodate up to four million kilowatts of generating capability. The net capability of the four units is 3,744,000 kilowatts. Total cost of the power station and reservoir is projected in excess of one billion dollars.

The initial loading of nuclear fuel for the first two units is expected to cost $49 million.

A peak construction force on the project will be more than 2,000 with a present payroll of $400 thousand a week. It will take 75 to 100 employees to operate the station, with a payroll projected at about $750,000 annually.

The reactors for the first two units are being supplied by Westinghouse Electric Corporation. The third and fourth reactors will be supplied by Babcock and Wilcox. Stone and Webster Engineering Corporation is the architect-engineer-constructor for the first two units.

The Lake

Early in 1972, construction crews will put the finishing touches on a dam across the North Anna River in Louisa County. Slowly, over a period of many months, the water level will begin to rise higher and higher until a 13,000 acre lake is formed.

The new, man-made lake is being created primarily to provide cooling water for the four-unit nuclear power station now under construction there. But the lake holds great potential for far more than just that.

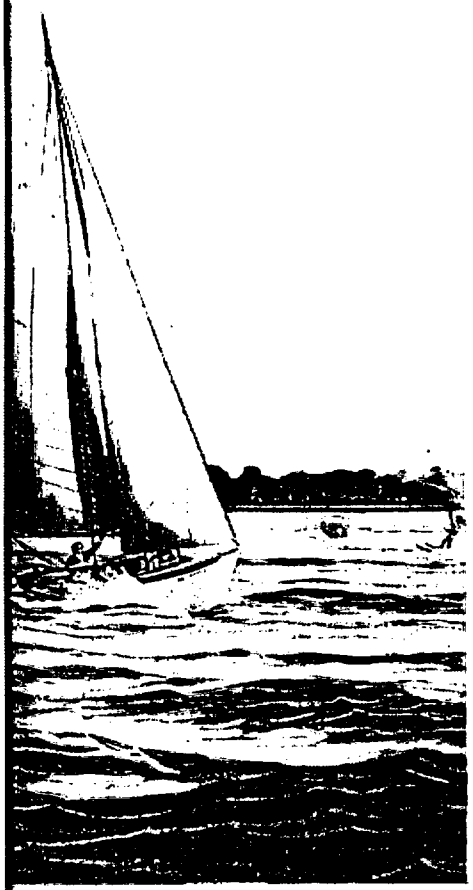
When Vepco's 17-mile long lake with more than 200 miles of shoreline is complete, experts believe the lake can be developed into a major recreational attraction.

The Virginia Division of Parks is considering plans for the development of a 2,000-plus-acre state park on the north shore of the lake in about 1976. Current plans call for both day-use and overnight facilities, including a beach for swimming, a boat launching area and a marina.

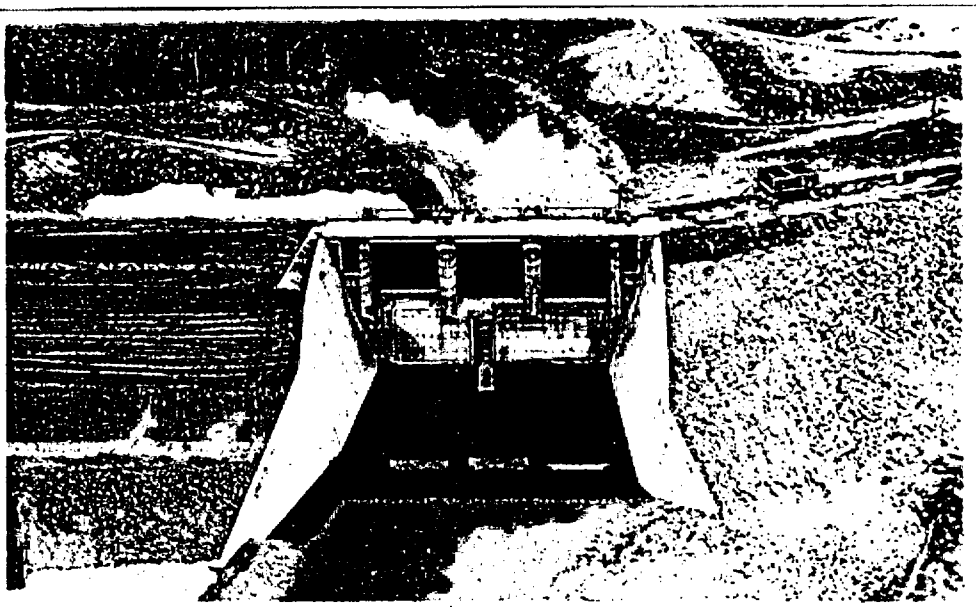
Vepco is cooperating with the Virginia Commission on Outdoor Recreation in the preparation of a detailed development plan for recreational use of the lake. Theodore J. Wirth and Associates, a nationally recognized recreational consultant, has been retained to study the region and recommend a plan for development.

A preliminary report by the firm indicates the potential use of the lake could be in excess of two million visitors annually by the year 2000. The area, according to Wirth, is capable of supporting not only a state park but two regional parks and a half-dozen public access areas. More than 1,500 boats could be accommodated on the main body of the lake, the firm said.

Some of the boats could be handled by the recommended public boat ramps on the lake, according to the report, and the remainder by private development of the lakeshore property.



Beaches capable of accommodating 4,000 swimmers are suggested, along with picknicking facilities for more than 5,000 and about 2,500 campsites.



The Fishing

The reservoir at North Anna has the potential to be one of the finest fishing spots on the East Coast.

A number of species are expected to carry-over from the existing river and stream system into the lake, including pumpkinseed sunfish, spotted bass, gizzard shad and several types of catfish.

In addition the lake can be stocked with popular gamefish: Largemouth Bass, Muskellunge, Crappie, Bream, Brown Trout, White Bass, Coontail Perch, Coho Salmon and Striped Bass.

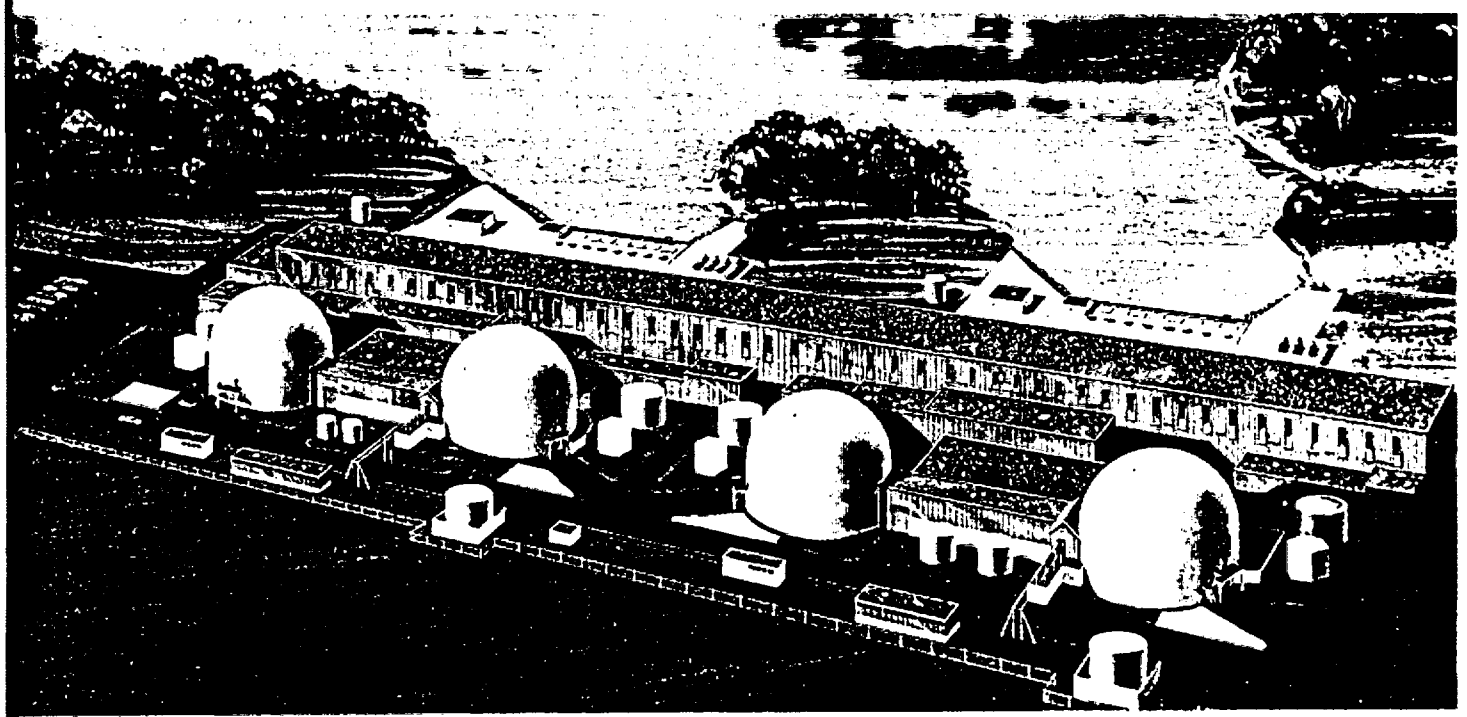
Sportsmen can anticipate reasonable catches within two years after the reservoir has filled. As the fish become established, and effective stocking-management programs are worked out, the fishing should become excellent.

Building Today

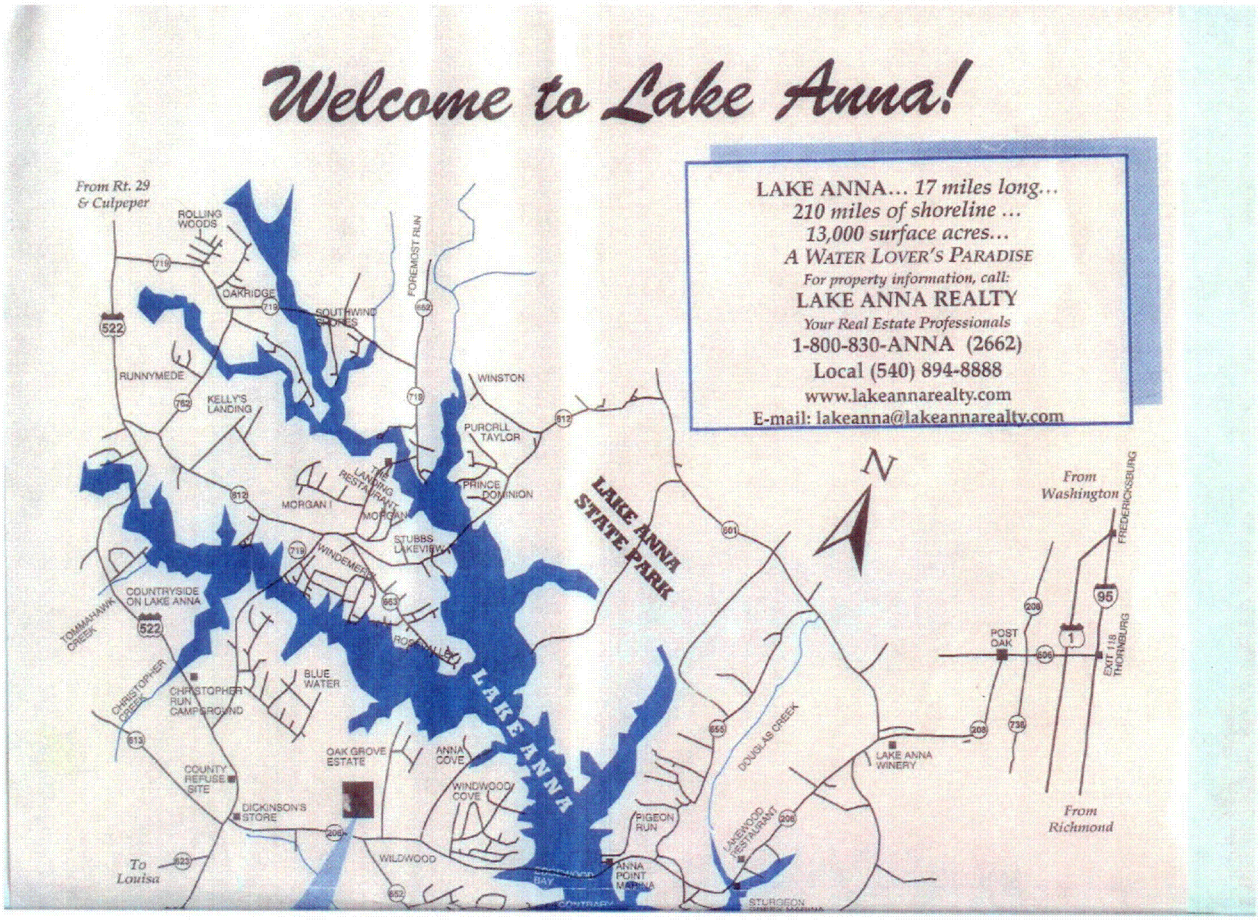
For Tomorrow's

Generation

Vepco



Welcome to Lake Anna!



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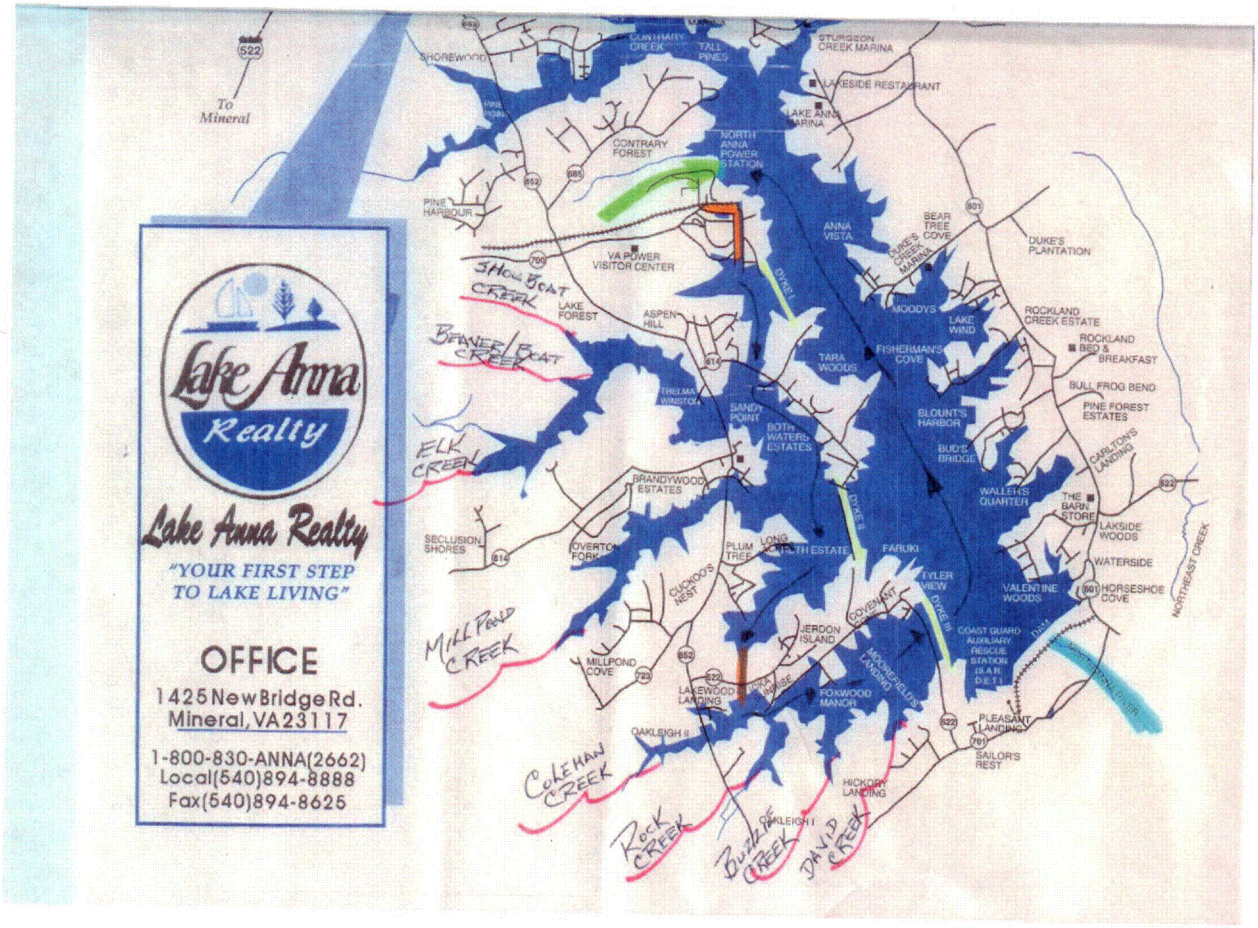
To Mineral
522
SHOREWOOD
GUM HARRY CREEK
TALL PINES
STURGEON CREEK MARINA
LAKESIDE RESTAURANT
LAKE ANNA MARINA
CONTRARY FOREST
NORTH ANNA POWER STATION
PINE HARBOUR
ANNA VISTA
BEAR TREE COVE
DUKE'S CREEK MARINA
DUKE'S PLANTATION
VA POWER VISITOR CENTER
SHOAL BOAT CREEK
LAKE FOREST
ASPEN HILL
MOODYS
LAKE WIND
ROCKLAND CREEK ESTATE
ROCKLAND B&B & BREAKFAST
BENNER BOAT CREEK
TARA WOODS
FISHERMAN'S COVE
BULL FROG BEND
PINE FOREST ESTATES
THELMA AVINGTON
SANDY POINT
BOTH WATERS ESTATES
BLOUNT'S HARBOR
BUD'S BRIDGE
CARLTON'S LANDING
ELK CREEK
BRANDYWOOD ESTATES
WALLER'S QUARTER
THE BARN STORE
LAKESIDE WOODS
SECLUSION SHORES
OVERTON FORK
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