

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)

DUKE POWER COMPANY)

(Oconee Nuclear Station, Unit)
Nos. 2 & 3))

Docket Nos. 50-270 & 50-287

AFFIDAVIT OF RESERVE STATUS

Larry W. Ellis, being duly sworn, deposes and says:

That he is an employee of Virginia Electric & Power Company and that Virginia Electric & Power Company is a member of the Virginia-Carolinas (VACAR) Reliability Group; and that he is a member of the VACAR Operating Task Force. As a part of his job he is familiar with the generating capability, expected peak, and reserve status of Virginia Electric & Power Company.

On December 19, 1979, he was contacted by a member of Duke Power Company's Operation Department, and requested to furnish his company's reserve status for the months of February, March, April, and May, 1980. He furnished the following information:

	Feb.	Mar.	Apr.	May
Capability After Scheduled Outages	7500	6917	6500	7820
Expected Peak	7500	6710	5775	5875
Reserves After Scheduled Outages	0	207	725	1945

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On January 2, 1980, he was again contacted by a member of Duke Power Company's Operation Department and requested to furnish his company's total miscellaneous capacity reductions at that time. The actual experience on January 2, 1980 is reflected in the following table and was the information furnished at that time:

<u>Unit</u>	<u>Reduction MW</u>	<u>Explanation</u>
Bremo 4	50	Silica
Chesterfield 1	12	No. 1A condensate pump
Chesterfield 2	25	Nos. 2A & 2B condensate pump & 2C boiler feed pump
Chesterfield 4	35	Insurer limited pending hydrostatic test
Mt. Storm 1	130	No. 1A boiler circ. pump & No. 1 feed mill
Mt. Storm 2	100	No. 2C boiler circ. pump & furnace pressure indicator
Portsmouth 1	40	Reduced boiler pressure to minimize tube leaks
Portsmouth 3	15	Plugged preheaters
Portsmouth 4	120	Air quality regulation - stack opacity
Yorktown 1	30	No. 1B boiler circulating pump
Yorktown 2	10	Air quality regulation - stack opacity
Yorktown 3	75	Reduced turbine efficiency - scheduled annual maintenance had to be postponed
VEPCO TOTAL	642	

January 10, 1980

Larry W. Ellis
 Larry W. Ellis
 Virginia Electric & Power Company
 P. O. Box 26666
 Richmond, Virginia 23261

Sworn to and subscribed before
 me this 11th day of January, 1980

Mary Ann Beamer
 Notary Public

My Commission expires: July 28, 1981