

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING APPEAL BOARD

Alan S. Rosenthal, Chairman  
Dr. John H. Buck  
Dr. Lawrence R. Quarles



In the Matter of )  
 )  
VIRGINIA ELECTRIC AND POWER COMPANY )  
 )  
(North Anna Nuclear Power Station )  
Units 1 and 2) )  
 )  
 )  
 )

Docket No. 50-338 OL  
50-339 OL

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DISTRIBUTION  
SERVICES UNIT

ORDER

November 18, 1980

Still awaiting ultimate resolution in this operating license proceeding is the turbine missile issue which we raised on our own initiative. In ALAB-589, 11 NRC 539 (1980), we deferred final decision on that issue to await the receipt of further information. In that connection, we determined that, for certain specified reasons, it would be safe to allow Unit 1 to remain in operation until its next routine refueling shutdown (then scheduled for early December 1980). At that shutdown, the turbines would be inspected ultrasonically for the purpose of determining the existence of any substantial disk cracking which might subsequently pose a safety problem. 11 NRC at 540-41.

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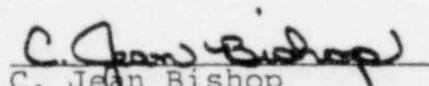
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In a November 6, 1980 letter, counsel for the applicant has informed us that the Unit 1 shutdown is being postponed by one month, to January 1, 1981. At that time, that Unit will have operated a total of 17,740 hours.

On the basis of the information previously supplied by the applicant, as updated in its November 6 letter, we conclude that this additional month of operation prior to shutdown and inspection does not pose an undue risk to the public health and safety. At the same time, it appears appropriate now to make explicit what was intended to be implicit in ALAB-589. Unit 1 is not to resume operation once again until after the report of the results of the inspection of its turbines is in our hands and we have had an opportunity to evaluate that report.<sup>1/</sup>

It is so ORDERED.

FOR THE APPEAL BOARD

  
C. Jean Bishop  
Secretary to the  
Appeal Board

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<sup>1/</sup> At the time ALAB-589 issued, Unit 2 had not as yet commenced operation. Although it is now in operation, it will be a considerable period of time before any significant turbine missile risk might materialize. (As noted in ALAB-589, 11 NRC at 540, the development of the turbine disk cracking phenomenon is time-related.)

Dr. Quarles did not participate in this order.