

NATHAN M. NEWMARK  
CONSULTING ENGINEERING SERVICES

1114 CIVIL ENGINEERING BUILDING  
URBANA, ILLINOIS 61801

3 September 1969

Dr. Peter A. Morris  
Director, Division of Reactor Licensing  
U. S. Atomic Energy Commission  
Washington, D.C. 20545

Re: Dresden Nuclear Power Station Units 2 and 3  
Docket Nos. 50-237 and 50-249

Dear Dr. Morris:

Dr. W. J. Hall and I have reviewed Amendment No. 19/20 and attended a meeting at Urbana on 3 September 1969 with the applicant, his consultants, and Mr. R. de Young and A. Gluckmann of your office. After discussions with the applicant and explanation of his submittal and his intentions regarding the seismic design, we now can state our agreement that the design will be adequate for the seismic hazard specified after the applicant completes work currently under way, the preliminary results of which were reported to us.

This agreement on our part is based on the following conditions which have been agreed to by the applicant.

(1) The proper seismic analyses and combinations of stress will be or have been made for all Class I items for both the Design Basis Earthquake (0.2g) and the Operating Basis Earthquake (0.1g). Either Time History analyses, Modal Response analyses, or Static Coefficient analyses are made for the items, as listed in Amendment No. 19/20, Section D-2, 3, pp. 39-40.

(2) The changes necessary to meet the previously stated design criteria for both DBE and OBE will be made if required by the results of the analyses.

(3) In general, thermal and other applicable forces will be combined with seismic forces in the determination of stresses and deformations.

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2799

Dr. Peter A. Morris

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3 September 1969

With this understanding, as agreed to by the applicant, we believe that the seismic design of the plant will be adequate.

Very truly yours,

*N. M. Newmark*

N. M. Newmark

dp

cc - W. J. Hall (2)

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