

O. Riley

Files  
(T. W.) Roger S. Boyd, AD/EP, WLL  
Robert L. Tedesco, Chief, RVE-2  
Division of Reactor Licensing

JAN 17 1968

/S/

OYSTER CREEK AND NINE MILE POINT STUB TUBES - SOCKET NOS. 50-219 & 50-220

On January 16, 1968 V. Stallo and I contacted (telephone) Mr. Fitter of Jersey Central Power & Light Company and Mr. Ewert of Niagara Mohawk Power Corporation to request additional data on the control rod stub tubes and adjoined housings or guide tubes. The request for the data was made in response to the concerns raised by the ACRS at its January 1968 meeting.

The following data were requested from both Niagara Mohawk and Jersey Central:

1. For a representative sample of the adjoined housings, including several from the outer rows, the following measurements should be taken and made available to us:
  - An axial traverse of the internal diameters in at least two planes should be performed. Ideally, the traverse should be extended to a length wherein it can be established that the inside diameter remains essentially constant, but should include measurements at intervals of about 1/2" for about 6' above and below the field welds. We indicated that the adequacy of the 1/2" increments should be confirmed by initial screening measurements. Further, the two planes of measurement should be for the maximum and minimum wave shapes.
2. Axial traverse of the outside diameter of the stub tubes (tubes associated with the housing in (1)) should also be performed.
- \*3. Analytical predictions of the deformation pattern measured in (1) above should be made available for our review.
- \*4. A discussion and analysis of the correlation between the deformation measured in (1) and (2) should be provided.

\*May be provided later than items 1 & 2.

8502070462 840524  
PDR FOIA  
BELL84-318 PDR

JAN 17 1968

Mr. Ritter and Mr. Ewart were informed that the data requested above should be supplied on an informal basis. We informed JC and RFP that they should make every effort to obtain the data before irrevocable changes were made to the reactor vessel complex. Niagara Mohawk was further requested to repeat the measurements after the forthcoming hydro. I also indicated that this data was of interest to the Committee and should be available before we and the Committee completed our reviews. Both JC and RFP agreed to provide the requested data. The time period is of the order of a week for items 1 and 2 and a few weeks later for 3 and 4.

cc: P. A. Morris  
R. S. Boyd  
S. Levine  
R. Engelken, CO  
J. O'Reilly ←  
R. DeYoung  
L. Force  
V. Stelle  
R. Ferguson

Distribution:  
DNL Reading  
RFB-2 Reading  
Orig: RLTedesco