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**ENVIRON, FILE (NEPA)**

Docket No. 50-247

Daniel R. Muller, Assistant Director for Environmental Projects, L  
 THRU: George W. Knighton, Chief, Environmental Projects Branch #1, L

Original signed by  
 George W. Knighton

**TRIP REPORT TO ORNL TO PREPARE FOR THE INDIAN POINT UNIT #2 HEARINGS ON DECEMBER 4, 1972**

A trip was made by R. Geckler and the Project Manager to ORNL on November 1-3, 1972, for the purpose of responding to Consolidated Edison's request of October 20, 1972, and to provide documents used in the preparation of the FES on Indian Point Unit #2 and to prepare for the upcoming hearings on environmental issues beginning December 4, 1972. M. Karman also was present on November 1 and 2 to assist the ORNL team in preparing for the hearings. A meeting was also held on November 3, 1972, with the ORNL team to discuss the scope of technical specifications. In terms of the applicant's request, much of the material requested was obtained from the ORNL team except for the computer printout on entrainment calculations. The entire collection of material requested has since been sent to the applicant. Witnesses for the hearing were identified and the major issues of contention outlined. ORNL is assisting in the preparation of the scope of technical specifications for the operating license. Details of the trip to ORNL on November 1-2, 1972, to prepare for the hearings on Indian Point Unit #3 FES are enclosed.

15/ Original signed by  
 M. J. Oestmann

M. J. Oestmann, Project Manager  
 Environmental Projects Branch #1  
 Directorate of Licensing

Enclosure:  
 As stated

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	DATE ▶	11/21/72	11/22/72	11/24/72			

DETAILS OF THE TRIP TO ORNL ON NOVEMBER 1-3, 1972  
TO PREPARE FOR HEARINGS ON THE FES FOR  
INDIAN POINT UNIT #2

1. RESPONSE TO THE APPLICANT'S REQUEST OF OCTOBER 20, 1972

On November 1, W. Yee, Team Leader, for Indian Point Team and ORNL management met with R. Geckler and the Environmental Project Manager to discuss the individual questions the applicant had raised regarding providing documentation used in the preparation of the FES. Yee expressed the opinion that a meeting should be set up with the applicant at ORNL to discuss the material used in the FES preparation. However, Karman, later on, said that the applicant would only be willing to meet with the ORNL team after the applicant had reviewed the documentation received and had time to prepare additional questions on the documentation provided. Many other responses to the applicant's request were from the applicant's own reports. The Project Manager obtained copies of the data from a number of references used by P. Goodyear in preparing a series of figures in the FES.

A conference call was held between L. Trosten, attorney for the applicant, M. Karman, and P. Goodyear, regarding a computer printout on the calculations of biological impact. In this call, Goodyear was to provide a sample computer run. Extensive computer time would be required if the applicant wanted copies of all the computer calculations made throughout the entire study over several months. The sample printout was provided by Goodyear on November 10.

The primary references used to provide the data base for the ecological analysis in the FES have already been cited in the FES. The secondary references which served to provide the general rationale of biological assessment are those listed in the individual references.

A computer printout on the thermal modeling calculations was also provided by M. Siman-Tov.

Responses to the questions, except the ecological computer printout, were prepared by the Environmental Project Manager with the assistance of R. Geckler. A complete set of responses with copies of data used was provided to M. Karman on November 10. The set has since been forwarded to the applicant and also a set to the intervenors.

2. PREPARATION OF THE HEARINGS ON ENVIRONMENTAL ISSUES

On November 1 and 2, a discussion was held with the Indian Point Team regarding the issues for the environmental hearings and the witnesses responsible for individual sections of the FES. M. Carter did not feel comfortable regarding testifying on particular parts of the cost-benefit analysis. Each subsection of the CBA Section in Chapter XI was assigned to individual persons in ORNL and the AEC Headquarters who will be responsible for testifying to that particular subsection. Definition of a number of terms used in the biological assessment was also discussed. The two major issues of controversy were identified by E. Struxness as to 1) that related to the significance of the biological damage in terms of the time element of 5-8 years as pointed out by the applicant versus 4 years as pointed out by the intervenors and 2) the cost-benefit analysis.

Additional preparation for the hearings in the near future will be needed before the team is ready for the hearings.

3. TECHNICAL SPECIFICATIONS

A discussion was held on November 3, 1972, with E. Struxness, Tom Row, and the Indian Point Team members regarding technical specifications. The Environmental Project Manager pointed out that the applicant wanted to know what additional technical specifications above and beyond those described for the 50 percent testing license were needed. Struxness expressed a strong desire of preparing the tech specs. An outline of the type of material needed was left with the Indian Point Team. Additional help from ORNL would be assigned to help out in the preparation of the technical specifications. The Environmental Project Manager also pointed out that this information is needed to be sent to the applicant prior to the beginning of the December 4, 1972, hearings.