

OCT 17 1974

Docket No. 50-286

Daniel R. Muller, Assistant Director for Environmental Projects, L  
THRU: George W. Knighton, Chief, Environmental Projects Branch No. 1, L

STATUS OF THE PREPARATION OF THE FES FOR INDIAN POINT UNIT NO. 3

On October 8 - 10, 1974, the EPM visited R. Rush, the Indian Point team leader at Oak Ridge National Laboratory, to discuss the status of the preparation of the FES for Indian Point Unit No. 3. The work by W. Van Winkle and A. Ersalan on the young-of-the-year and the adult fish models are progressing on schedule. A meeting to discuss the details of the model development was held on October 9, 1974. The application of the 1973 ecological survey results presented in the Texas Instruments, the Quirk, Lawler, and Matusky and the New York University reports for input into the models is not straightforward. The various sampling methods used provide inconsistent data. In fact, the models are more sophisticated than the data obtained from the different sampling methods used. Ersalan is questioning the applicability of the transect data used by Lawler in developing values for "f" factors for the applicant's Hudson River life cycle model. The applicant has yet to supply the AEC with the data used to calculate "f" factors at the Indian Point intakes. Lawler did present values for calculated "f" factors at the Indian Point intakes in testimony presented in the Storm King case. The applicant also supplied the AEC with information on "f" factors at Bowline and Roseton intakes but the values differ considerably at the different locations.

The EPM brought the entire master copy of the preliminary draft of the FES to D. Rush. It was agreed that the entire draft would be typed up at ORNL. Tapes for the draft have also been supplied to ORNL. The EPM has provided R. Rush revised Chapters I - IV and VI - IX. All typing has to be sent in by October 21, 1974, in order to meet the November 7, 1974 date for issuance of the lab draft of the FES. The FES lab draft should be complete and ready for staff review on November 8, 1974.

The EPM also provided D. Rush a draft copy of the Impingement Report. The impingement data presented in the report are good for only up to December 1973. The applicant has not provided information on impingement on a regular basis as required by the Environmental Technical Specifications.

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A persistent problem exists which involves obtaining data and reports from the applicant on a timely basis. The applicant's reports are dated at least 3 - 4 months ahead of the time when the staff receives the reports, thereby delaying input into the FES.

The FES will not contain information supplied the staff after September 6, 1974. Additional testimony will have to be prepared after the FES is issued in view of the fact that the applicant has not supplied a complete response to staff's request of August 13, 1974,

The ORNL team is in the process now of completing the revisions to the thermal and ecological sections of Chapter V and the cost-benefit analysis in Chapter XI. In addition Appendices A and B and F are being completed. The EPM is adding a subsection on cooling tower construction schedule to Appendix G.

The conditions of the cooling tower at Unit No. 3 are different than for that at Unit No. 2. Details of the conditions were discussed with the ORNL team members. ORNL and EPM also are completing Chapter XIII on the responses to comments.

On October 7, 1974, the EPM obtained revised data on the source term from M. Bell, ETSB. The revised data pertains to the change with Indian Point Unit No. 1 shut down during the next several years. T. Clark at ORNL provided revised radiological doses which were factored in the FES.

In conclusion, preparation of the lab draft of the FES is on schedule.

Original signed by  
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Mary Jane Oestmann, Project Manager  
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