

50-247

JUN 25 1973

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## ENVIRON, FILE (NEPA)

Note to: G. W. Knighton, Chief, Environmental Projects Branch No. 1, L

STATUS OF THE INDIAN POINT UNIT NO. 3 PDES

### I ORNL Effort and Schedule

1. As stated in my note of June 5, 1973, ORNL prepared a rough draft which we reviewed on May 22 and 23. Extensive comments were transmitted to E. Struxness and R. Rush. I also prepared and left a separate list of enclosed comments with R. Rush the end of May during my visit at ORNL.

On June 15, 1973, R. Rush sent me an enclosed letter with another incomplete preliminary draft copy which I am presently reviewing. I have also had several phone conversations on June 19 and 20 with R. Rush and learned that P. Goodyear, who is to help out in preparing the ecological section in Chapter V, has not yet started this work. He is out on a field study to collect striped bass fish eggs for his research project and won't begin until the second week in July to write up the ecological section.

On June 14, 1973, E. Struxness wrote D. Muller proposing a schedule change such that the DES would be issued on September 18, 1974. I, personally, don't think that ORNL will be able to make the August 10, 1973 date for the PDES in view of no concerted effort presently being done by Goodyear. Furthermore, the issuance of the FES by January 4, 1974 is not practical since the typing and printing will have to be done during the Christmas Holiday at the AEC. This date is too close to the hearing and Con Ed will submit testimony after the FES is out. The FES should be issued around the first week in December at the latest.

Goodyear, Carter, and Simon-Tov were tied up with the Unit No. 2 hearings and preparing the findings. Carter is presently completing work on the FES for Newbold Island. He is reworking Section X - Need for Power for Unit No. 3 and will have to wait until Section V is completed before the cost-benefit analysis section can be finished. M. Simon-Tov is presently reworking the thermal calculations for multiplant effects.

ORNL is proposing to issue a PDES rather than going through a green cover exercise for issuance of the DES. The AEC management should closely review the summary and conclusions. This will be

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quite critical, since ORNL is concerned about the question of the percentage of operation during the interim period prior to installation of a closed-cycle cooling system for Unit No. 3. I have emphasized many times that the Summary and Conclusions must be adequately supported by the text in the body of the statement. The ORNL team has copies of the Unit No. 2 Findings of Fact from the different parties which highlight the areas of concern and should aid them in the job of preparing the Summary and Conclusions as well as the test material.

## II. Radwaste System

On June 6, 1973, we obtained a revised radwaste write up with source terms from the ETSB. ORNL is using meteorological information different from that provided by W. Gammill to calculate the radiological dose and the impact from salt deposition and fogging from cooling towers. ORNL plans to submit this meteorological information as an Appendix in the DES. The radiological dose for the thyroid of a child via the grass-pasture-cow-milk pathway at a farm 7 miles SSW has been estimated by ORNL to be 6.9 mrem/yr for the "initial" system for all three units (modified Unit No. 1, initial Unit No. 2, modified Unit No. 3) and for the "modified" system to be 5.4 mrem/yr. The Safety Evaluation Report indicates this value to be 12.7 mrem/yr (modified). Discrepancies exist in the source terms provided by ETSB for the DES and SER as well as between those values calculated by ETSB and those by Con Ed. I'm trying to clarify these discrepancies. Also, there are discrepancies between the dose values presented by RAB and those from ORNL. T. Clark is responsible for the dose values from ORNL and will not be available after July 1, 1973, to continue his work for the ORNL team. I'm trying to settle all differences to ensure consistency in the numbers.

A letter is being sent to Con Ed regarding the modifications of the radwaste system for Units 1 and 3 and the required monitoring. Enclosed is a RO inspection report for the Unit No. 2 radwaste and radiological monitoring systems. Note the deficiencies observed.

## III. Schedule

ORNL proposed a change in schedule for issuance of the DES on September 18, 1973 and FES on January 4, 1974. I have proposed a modified schedule to issue the DES on September 5, 1973 and the FES on December 7, 1973. This allows close to

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two months time prior to the startup of the hearing on February 4, 1974. These schedules are enclosed in attachment I. A change request has been prepared.

*M. J. Oestmann*

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Indian Point

Enclosures:  
As stated

Attachment I

Proposed Indian Point 3 Schedule

	<u>ORNL</u>	<u>MJO</u>
PDES to AEC	8/10/73	8/10/73
DES Issued-FR Notice	9/18/73	9/5/73
End Agency Staff End Comment Period of DES	11/02/73	10/23/73
End Applicant's Response to Comments		11/02/73
End Staff Response to Agency Comments		11/02/73
Lab Input to FES	11/26/73	11/16/73
Staff Review of FES		11/23/73
Mgmt., OGC Review of FES		11/28/73
Combined Discovery Concluded	10/05/73	11/30/73
FES to Printer	12/21/73	12/01/73
FES Issued-FR Notice	1/04/74	12/07/73
Final Combined Prehearing Concluded		12/20/73
Start Public Hearing		2/04/74
End Public Hearing		3/07/74
Applicant's Findings of Fact		3/28/74
Staff's & Intervenors Findings		4/18/74
Initial Decision		5/30/74