

L:EP-3:GLC
(Docket Nos. 50-237 and 249)

FEB 13 1974

Rm 016

Commonwealth Edison Company
ATTN: Byron Lee, Jr.
Vice President
P. O. Box 767
Chicago, Illinois 60690

Gentlemen:

Enclosed for your information is a Summary Report of the meeting held at the AEC Offices in Bethesda, Maryland, on January 23, 1974 concerning the Environmental Technical Specifications for the Dresden Nuclear Power Station.

Sincerely,

Original signed by
B. J. Youngblood

B. J. Youngblood
Chief, Environmental
Projects, Branch 3
Directorate of Licensing

Enclosure:
As stated

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ENCLOSURE I

SUMMARY OF MEETING WITH COMMONWEALTH EDISON COMPANY CONCERNING
ENVIRONMENTAL TECHNICAL SPECIFICATIONS FOR THE
DRESDEN NUCLEAR POWER STATION

On January 23, 1974 representatives of Commonwealth Edison Company met with the Regulatory Staff in Bethesda, Maryland to discuss the draft on Environmental Technical Specifications being prepared by the applicant. The schedule and format of the applicant's submittal was also discussed. The applicant's position concerning Section V, Administrative Controls is that the requirements for setting up the internal administrative structure and procedures necessary to implement these controls will necessitate delaying final submittal of the Environmental Technical Specifications until approximately April 1, 1974. The administrative control section submitted by the applicant will conform to the guidance provided by the Staff. In addition, the applicant intends to rewrite Section III, Environmental Surveillance to conform to the guidance provided to them.

Considerable discussion was held concerning page 6-7 of the Dresden FES:

It was agreed that measurement of the thermal plume need not necessarily begin immediately at the commencement of closed cycle operation. However, the program for this monitoring must be established prior to commencing closed cycle operation. This was determined primarily because the exact time of closed cycle operation is not known and the schedule for plume measurements is dependent upon season and river flows.

It was agreed that a sampling frequency of at least six (6) samples per year for all physical, chemical and biological parameters was adequate so long as the spring, summer and fall months were covered. The applicant agreed to a minimum of six (6) samples per year with a possible inclusion of a seventh.

Because of the large amount of data collected on oxygen in the Dresden area and because the sampling program proposed by the applicant includes periodic river and canal water analysis, it was agreed that diurnal hourly measurements of dissolved oxygen were unnecessary.

The frequency and method of counting dead fish from the trash baskets will be based on the frequency of dumping of the trash baskets such that no fish will go uncounted. The fish impingement study will be designed to tell the number of fish killed per year at the Dresden 2 and 3 intake structure.

The Dresden station is presently operating under a State variance which absolves them of any thermal limits. The Environmental Technical Specifications will not be finalized until April 1974 and closed cycle operation is scheduled to commence in mid-August 1974. The impact of open cycle operation has been thoroughly evaluated in the Environmental review and for the short duration involved it was determined that the impacts were acceptable. Therefore the Technical Specifications will only require that the lake and spray canals be operated while open cycle operation is in progress. This will assure that the units are operated in the mode to minimize thermal impacts prior to closed cycle operation. When closed cycle operation begins, new thermal specifications will be issued.

As discussed in the FES, chlorine is not expected to be discharged into the Des Plaines river because of the long retention time in the cooling lake and the small quantities of chlorine used. To prevent the use of excessive amounts of chlorine, chlorine technical specifications will be applied to the chlorination process itself, limiting the total quantity of chlorine to be used per day.

The applicant feels strongly that a monthly required surveillance of the dike is excessive. At our request he will consult with his dike expert to better define the requirements of a monthly inspection program and also the qualifications of those doing the inspection.

The applicant has stated that the low level of algicides specified by the staff as a limit is lower than that level which would be effective in performing the task and has therefore asked us to review this. They have also asked to have all dredging disposal controlled by the State and not have it appear in the Technical Specifications. However the Staff expressed concern that the disposal of dredgings must also be controlled by the Technical Specifications since algicides will be permitted in the cooling pond.

The final discharge structure was also discussed. A final report is expected from the applicant's consultant on about March 1st. Based on this report the applicant intends to submit the discharge design to us by May 1, 1974 indicating the design and schedule of completion for the final discharge arrangement for all three (3) units at the Dresden site. This will allow adequate time for staff review of the design prior to closed cycle operation.

The transmission line right-of-way maintenance contracts for a large area of the Commonwealth Edison Company service are already in effect and the procedures established. The applicant feels quite strongly that the criteria we have indicated to be applied to transmission line maintenance are difficult and restrictive to apply because the new transmission lines added for the Dresden station are very small. The actual transmission lines right-of-way that will be covered by this specification must be identified.

ENCLOSURE II

ATTENDANCE LIST
MEETING WITH COMMONWEALTH EDISON COMPANY
JANUARY 23, 1974

AEC

G. L. Chipman
B. J. Youngblood
J. J. Bolen

CECo

J. J. Kowalczyk
H. F. Burnhard
A. D. Rossin
J. S. Abel