

UNITED STATES
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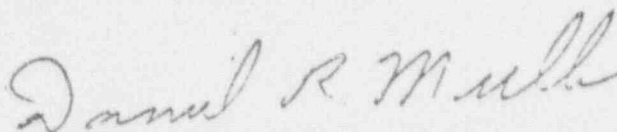
Environmental Projects Personnel

~~PROJECT INSTRUCTION #50~~ #50

BY AND CONCLUSIONS, TECHNICAL SPECIFICATIONS, AND LICENSES

Preparing the concluding paragraph in the Summary and Conclusions of an Environmental Statement, keep in mind the fact that in addition it should be clearly specified that each is to be included in the Technical Specifications except for those that should actually be included in the license. For example, details concerning things as monitoring programs, a fence-post-cow limitation, etc., should be confined to the Technical Specifications where they can be changed by a Tech Spec change rather than included in the license where they can only be changed by amending the license. Items such as requiring a special monitoring program which will be the basis for a later decision in regard to the necessity for cooling towers should be included in the license and the conditions should be so stated.

ent example is enclosed.



Daniel R. Muller, Assistant Director
for Environmental Projects
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le - Nine Mile 1 Conditions

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EXAMPLE

On the basis of the analysis set forth in this statement, after weighing the environmental, economic, technical, and other benefits of Unit 1 against environmental costs and considering available alternatives, the Staff concludes that the action called for under NEPA and Appendix D to 10 CFR Part 50 is the conversion of the provisional operating license to a full-term license for the facility subject to the following limitations for protection of the environment:

A. License Conditions:

- The applicant will complete construction of a new radwaste building onsite (expected to be fully operational in late 1975) to assure compliance with the "as low as practicable" criteria contained in 10 CFR 50.

B. Tech Spec Requirements:

- The applicant will establish a revised and comprehensive biological sampling program to provide ecological data from which to measure the impact of Unit 1 operation on the biota of Lake Ontario (Section 6.1).
- The applicant will conduct a monitoring and sampling program at the intake structure of Unit 1 as outlined in Sections 5.5 and 6.1 to determine the number, species, and size of fish killed at Unit 1 and relate these data to the intake design and field-sampling program as outlined in Section 6. When this information is available, the Staff will evaluate the magnitude of the fish-kill problem. As deemed justified, modification of existing intakes and/or development and implementation of other preventive methods may be required.
- The applicant will conduct a radiological monitoring program considered by the Staff to be adequate to determine any radiological effects on the environment from operation of Unit 1 (Section 6.3).

- The applicant will conduct such field investigations of the thermal plume as are necessary to correlate the data obtained from the aquatic environmental program discussed above. These investigations should be made for the different seasons under different hydrological and meteorological conditions, with a variety of measuring techniques (Section 6.2).
- The applicant will conduct a terrestrial monitoring program to determine the environmental effects of the use of herbicides for line maintenance. The program should also include a field study to determine the presence and status of rare or endangered plants and animals at the site and along the transmission line right-of-way. If endangered species are present, steps should be taken to prevent their destruction during the continued operation of Unit 1 (Section 6.4).
- If harmful effects and/or evidence of irreversible damage are detected by the monitoring programs, the applicant will provide to the Staff an analysis of the problem and a plan of action to be taken to alleviate the problem.