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 MANGAN, C.V. Niagara Mohawk Power Corp.
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 EISENHUT, D.G. Division of Licensing

SUBJECT: Forwards consultants publications re aquatic ecology of facility & "Nine Mile Point Aquatic Ecology Summary (1973-81)," in response to NRC Acceptance Review Requests E291.6(a) & E291.11(b). Bibliography of publications encl.

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1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in all financial dealings.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It includes a detailed description of the sampling process and the statistical methods employed to interpret the results.

3. The third part of the document presents the findings of the study. It includes a series of tables and graphs that illustrate the trends and patterns observed in the data. The results are discussed in the context of the research objectives and the existing literature.

4. The fourth part of the document provides a conclusion and a summary of the key findings. It also includes a list of recommendations for future research and a discussion of the limitations of the study.

5. The fifth part of the document contains a list of references and a list of appendices. The references include a list of books, articles, and other sources used in the study. The appendices include a list of tables and figures that are not included in the main text.

June 6, 1983
(6785)

Mr. Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Eisenhut:

Subject: Nine Mile Point Nuclear Station Unit 2
Operating License Application
Docket No. 50-410
Responses to Acceptance Review Questions

Enclosed are six (6) copies of publications by Niagara Mohawk's consultants related to the aquatic ecology of the Nine Mile Point area. A bibliographic listing of these publications is provided in Attachment 1. These publications are submitted in response to NRC Acceptance Review Request E291.6(a).

Also enclosed are six (6) copies of a report entitled Nine Mile Point Aquatic Ecology Summary (1973-1981). Copies of this report are being submitted in response to E291.11(b).

Very truly yours,

C. V. Mangan

C. V. Mangan
Vice President

Nuclear Engineering & Licensing

CVM/JAM:ja
Enclosures

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List of Aquatic Ecology Publications
Submitted in Response to NRC Acceptance
Review Information Request E291.6(a)

- Brodfield, Bruno. 1972. Developing an adequate hydrothermal monitoring program. Presented at Atomic Industrial Forum Topical Conference on Water Quality Considerations for Siting and Operating Nuclear Power Plants, held October 1-4, 1972 at the Mayflower Hotel, Washington, D.C.
- Matchett, D.L. and Y.J. Tsai. 1972. Environmental Engineering Studies for Thermal Discharge at Coastal sites. Presented at 1982 Joint Power Generation Conference, Sept. 11, 1972, Boston, Massachusetts.
- Mussalli, Y.G. and E.P. Taft. 1981. Louvered Offshore Intake for Diverting Fish. Proceedings of the ASCE, Journal of the Energy Division 107 (KY 1):89-84.
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- Mussalli, Y.G., E.P. Taft and P. Hofmann. 1977. Engineering Implications of New Fish Screening Concepts. Proceedings of the 4th National Workshop on Entrainment and Impingement, Chicago, Illinois. December 5-7. pp 367-376.
- Mussalli, Y.G., E.P. Taft and J. Larsen. 1980. Offshore Water Intakes Designed to Protect Fish. Proceedings of the ASCE. Journal of the Hydraulics Division, HY-11. November. pp 1885-1901.
- Mussalli, Y.G., P. Hofmann and E.P. Taft. 1978. Influence of Fish Protection Considerations on the Design of Cooling Water Intakes. Joint International Symposium of Design and Operation of Fluid Machinery, Colorado State University, Fort Collins, Colorado. June 12-14. pp 413-424.
- Mussalli, Y.G., J. Larsen and E.P. Taft. 1979. Designing Offshore Intakes for Fish Protection. American Society of Civil Engineers National Convention, Atlanta, Georgia. October.
- Mussalli, Y.G. and E.P. Taft. 1977. Fish Return Systems, pp 288-295. IN: Hydraulics in the Coastal Zone. Proceedings of the 25th Annual American Society of Civil Engineers Hydraulics Division Specialty Conference, Texas A&M University. August.
- Pease, T.E., and M.J. Skelly. 1975. Statistical design basis for submerged diffuser. Am. Soc. Civil Engin., J. Power Div. 101(P01):11-22.
- Storr, J.F. and R.A. Sweeney. 1971. Development of a theoretical seasonal growth response curve of Cladophora glomerata to temperature and photoperiod. Proc. 14th Conf. Great Lakes Res., pp. 119-127.
- Storr, J.F. 1974. Plankton entrainment by the condenser systems of nuclear power stations on Lake Ontario. IN: THERMAL ECOLOGY, (Gibbons & Sharitz, eds.), pp. 291-295, U.S.A.E.C. Technical Inform. Center.
- Storr, J.F. and G.N. Schlenker. 1974. Response of perch and their forage to thermal discharges in Lake Ontario. IN: THERMAL ECOLOGY (Gibbons & Sharitz, eds.) pp. 363-370, U.S.A.E.C. Technical Inform. Center.

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UNITED STATES DEPARTMENT OF JUSTICE
WASHINGTON, D. C. 20535

MEMORANDUM FOR THE DIRECTOR, FBI

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Storr, J.F. 1978. Tagging yellow perch in Lake Ontario. Underwater Nat. 3(2): 24-41.

Taft, E.P. and Y.G. Mussalli. 1977. Biological and Engineering Investigation of Angled Flush Fish Diversion Screens, pp 304-312. IN: Hydraulics in the Coastal Zone. Proceedings of the 25th Annual American Society of Civil Engineers Hydraulics Division Specialty Conference, Texas A&M University. August.

Taft, E.P. and Y.G. Mussalli. 1978. Angled Screens and Louvers for Diverting fish at Power Plants. Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division 104(HY5, May)623-634.

Taft, E.P. and Y.G. Mussalli. 1978. Fish Diversion and Transportation System for Power Plant Application. American Fisheries Society. Fisheries 3 (3):2-5.

Taft, E.P., R.H. Berger, J. Larsen, J.G. Holsapple and L. Eberley. 1981. Laboratory Evaluation of Larval Fish Impingement and Diversion Systems. Proceeding of the Workshop on Advanced Intake Technology, San Diego, California. April 22-24.

Taft, E.P., P. Hofmann, P.J. Eisele and T.J. Horst. 1976. An Experimental Approach to the Design of Systems for Alleviating Fish Impingement at Existing and Proposed Power Plant Intake Structures. Proceedings of the Third National Workshop on Entrainment and Impingement, New York. February.

Tsai, Y.J. 1972. Far-field effects due to a multiple-jet diffuser. IN: Heated-Effluent Dispersion in Large Lakes: State-of-the-art of analytical modeling (Chapter 12: p. 303-328), part 1. Critique of Model Formulations, ANL/ES-11 by A.J. Policastro and J.V. Tokar.

Tsai, Y.J. and B.E. Burris. 1977. Submerged multiport diffuser thermal discharges from conceptual design to post-operational survey. Proceedings of the Conference on Waste Heat Management and Utilization, held May 9-11, 1977, Miami Beach, FLA. (Vol. 3, p. X-B-49-69).

Weinstein, M.P., and D.T. Logan. 1979. Diversity as a measure of alewife Alosa pseudoharengus dominance of southeastern Lake Ontario, USA. J. Great Lakes Research 5(2):139-143.

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