REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8204060147 DOC.DATE: 82/04/01 NOTARIZED: NO DOCKET #
FACIL:50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe 05000220
AUTH.NAME AUTHOR AFFILIATION
DISE,D.R. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION
EISENHUT,D.G. Division of Licensing

SUBJECT: Discusses schedule for procurement,installation & operation of upgraded meteorological sys in accordance w/modeling requirements of App 2 to NUREG-0654.Estimated completion of sys set for 820930.

DISTRIBUTION CODE: A001S COPIES RECEIVED:LTR 1 ENCL 0 SIZE: 2
TITLE: General Distribution for after Issuance of Operating License

NOTES:

| | RECIPIENT ID CODE/NAME | | COPIES LTTR | COPIES ENCL | RECIPIENT ID CODE/NAME | | COPIES LTTR | COPIES ENCL |
|---|---|---|---|---|---|---|---|---|
| | ORB #2 BC | 01 | 13 | 13 | | | | |
| INTERNAL: | ELD | | 1 | 0 | IE | 06 | 1 | 1 |
| | NRR/DHFS DEPY08 | | 1 | 1 | NRR/DL DIR | | 1 | 1 |
| | NRR/DL/ORAB | | 1 | 0 | NRR/DSI/RAB | | 1 | 1 |
| | REG FILE | 04 | 1 | 1 | RGN1 | | 1 | 1 |
| EXTERNAL: | ACRS | 09 | 10 | 10 | LPDR | 03 | 1 | 1 |
| | NRC PDR | 02 | 1 | 1 | NSIC | 05 | 1 | 1 |
| | NTIS | | 1 | 1 | | | | |

TOTAL NUMBER OF COPIES REQUIRED: LTTR 35 ENCL ~~33~~ 2

NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

April 1, 1982



Director of Licensing
Attention: Mr. Darrell G. Eisenhut
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Nine Mile Point Unit 1
Docket No. 50-220
DPR-63

Dear Mr. Eisenhut:

Our June 30, 1981 letter provided a description of the upgraded meteorological system which will serve the Nine Mile Point Unit 1 and the James A. Fitzpatrick nuclear facilities. Hardware for that system is currently being procured with an anticipated operational schedule of September 30, 1982. Additionally, a study will be performed to determine an appropriate location for a ten meter inland pole which will be equipped with wind speed and wind direction instruments. The inland meteorological measurements will be used in conjunction with the measurements from the existing site tower to assess the presence of lake breezes. The scheduled completion date of the study is also September 30, 1982. Installation of the inland pole and associated equipment will take place following completion of the study.

Niagara Mohawk is committed to compliance with the modeling requirements of Appendix 2 to NUREG 0654. Dispersion models which will provide the capability to meet those requirements are currently being evaluated against criteria developed by Niagara Mohawk. These criteria include, but are not limited to, the ability to compute changing plume trajectories, acceptance of multiple meteorological imputs, and consideration of site specific climatological effects. Development of these criteria was mandated by the lack of additional Nuclear Regulatory Commission guidance on modeling capabilities cited in Appendix 2 to NUREG 0654. Data from the above-mentioned inland tower will be required if the model is to provide site specific results. It is anticipated that the site specific modeling system, including data from the inland tower, will be operational by January 1, 1983.

However, in order to meet the intent of Appendix 2 to NUREG 0654, an interim dose assessment system will be provided. The interim system will utilize a model capable of meeting the criteria for Class A models outlined in Appendix 2 to NUREG 0654 and will be operated at an offsite location (i.e., the vendor's office location). Data transmission will be accomplished via remote modems and computer terminals. Data input will be accomplished manually. The interim system is scheduled to be operational by July 1, 1982.

A001
1/0

Your office will be informed of any deviations from the schedules discussed above.

Sincerely,

NIAGARA MOHAWK POWER CORPORATION

D. P. Dise
Vice President Engineering

BDW:ja