

U. S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION I

Report No. 50-410/81-02

Docket No. 50-410

License No. CPPR-112 Priority -- Category A2

Licensee: Niagara Mohawk Power Corporation (NMPC)

300 Erie Boulevard, West

Syracuse, New York 13202

Facility Name: Nine Mile Point Station, Unit 2 (NMP-2)

Inspection At: NMP-2, Scriba, New York

Inspection Conducted: February 18 and 25, 1981

Inspectors: T. J. Jackson
T. J. Jackson, Radiation Specialist

5/13/81
date

Approved by: Robert J. Bores
R. J. Bores, Chief, Independent Measurements
& Environmental Protection Section, EP&PS Branch

date
5/13/81
date

Inspection Summary: Inspection on February 12 and 25, 1981
(Report No. 50-410/81-02)

Areas Inspected: Routine, unannounced inspection of the environmental program (construction phase) including: determination of the status of implementation of each of the construction permit requirements; verification of the implementation of construction permit requirements; and management controls and procedures for implementing the environmental protection program during site preparation and construction. The inspection involved 10 inspector-hours on site by one NRC regionally based inspector.

Results: Of the three areas inspected, no items of noncompliance were identified.

Region I Form 12
(Rev. April 1977)

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DETAILS

1. Individuals Contacted

- *J. Saurani, Construction Engineer, NMPC
- *C. Honors, Associate Construction Engineer, NMPC
- *H. Flanagan, Environmental Protection Coordinator, NMPC, NMP-1
- *T. Farrell, Senior Construction Engineer, Stone & Webster Engineering Corp. (SWEC)

*denotes those present at the exit interview.

2. General

The inspection consisted of a review of the licensee's program to protect the environment during site preparation and construction and included a review of selected program requirements, related procedures and records, discussions with licensee and contractor personnel, and observations by the inspector. The licensee's requirements in this area are specified in Sections 3.C and 3.E of the Construction Permit, CPPR -112.

3. Determination of Implementation Status of the Construction Permit Requirements

Upon arrival at the Nine Mile Point Nuclear Station Unit 2 (NMP-2) construction site, the inspector toured the area and examined the prevailing conditions at the site and the surrounding environment. The inspector examined the waterfront at Lake Ontario, discharge points, soil and vegetation at the site, erosion/sedimentation control measures taken at the site, solid waste and spoils area, oil storage areas, sewage treatment plant operations, and dust and noise level at the site and the surrounding areas.

The inspector discussed with the licensee and contractor personnel the status of implementation of each of the construction permit requirements, the schedule for initiation of new major construction projects having potential for significant adverse environmental impact, and the current major ongoing construction activities. The licensee stated that the required control program, which provides for periodic review of all construction activities to assure conformance with the environmental conditions of the construction permit, is implemented through Construction Site Instructions (CSI), via SWEC onsite personnel on a daily basis, and through meetings and inspections by the Site Environmental Committee (SEC), composed of NMPC and SWEC site and corporate representatives. The inspector reviewed the records of the SEC inspections/meetings and deter-

mined that areas requiring corrective actions were identified and followed-up to assure completion or resolution of any items. The licensee stated that SEC meetings would be scheduled more frequently in the future, as warranted by the pace of construction activities.

No items of noncompliance were identified.

4. Verification of the Implementation of the Construction Permit Requirements

The inspector verified the implementation of the applicable requirements by visual observations of site activities and conditions and through the review of available records. The inspector's examination of site conditions/activities included the following areas.

- a. Settling Basin Operations - The inspector discussed with the licensee and contractor the operation of settling basins used to control site runoff and dewatering effluents. The licensee stated that the basins were alternately filled and allowed to settle for at least eight hours before being discharged. The licensee stated that effluent samples were collected and analyzed with at least the frequency specified by the NPDES Permit.

The inspector examined the settling basins and noted that the system appeared to provide for adequate settling of suspended matter for ongoing dewatering and construction operations. The two settling basins were provided with a valving system to control the flow of influent from one settling basin to the other and to control the rate of effluent discharge. The inspector traced the flow path for site drainage and settling basin discharge and observed no apparent problem areas.

- b. Solid Waste Disposal - The inspector toured the site landfill and observed the active fill areas and the area where combustible material was collected for burning in accord with to NY Department of Environmental Conservation (NY DEC) permits. The inspector also reviewed the NY DEC permit for the landfill operation.
- c. Erosion Control/Spoils Areas - The inspector reviewed the licensee's program for control of site erosion and toured site spoils areas. Continuing use of Spoils Areas Nos. 3 and 4, located south of Lake Road, was discussed and the licensee stated that these areas would continue to be graded as necessary. The licensee stated that it was planned to reseed area slopes in the spring of 1981 and stated that seeding of site areas was a continuous program carried out based on the intermittent use of various site areas.

- d. Lake-Front Areas - The inspector toured the waterfront areas and noted that no materials that could be easily washed or eroded into the lake were stored on the shoreline. No evidence of construction-related erosion was noted in this area.
- e. Dewatering Activities - The inspector discussed with the licensee the method of dewatering excavations, the collection of this water, and its control to limit its impact on the environment. The licensee stated that all dewatering discharges are pumped to the settling basins.
- f. Storage of Oil, Chemicals and Fuel - The inspector noted that storage of oil, chemicals and fuel on the construction site was performed such that any spills would be contained by barriers or dikes. The licensee stated that in addition to the precautionary oil handling practices implemented at the site, oil spill control materials are available to be used in case of minor oil spills. The inspector noted no evidence of oil spills at the site and the surrounding areas and observed oil control booms in place in the site drainage system.
- g. Sanitary Waste Disposal - The inspector discussed with the licensee the disposal of wastes from the NMP-2 site, examined the onsite sewage treatment plant and noted that the plant effluents were chlorinated prior to discharge according to the site NPDES permit. The inspector had no further questions in this area at this time.
- h. Concrete Batch Plant Operations - The inspector observed the concrete truck wash-out ponds which were used to collect concrete waste water for pH neutralization prior to release into the site drainage system. The inspector noted that waste and reject concrete were disposed of at designated spoils areas.

No items of noncompliance were identified in the above areas.

5. Management Controls and Program Implementation Procedures

The inspector discussed with the licensee the management controls to implement the environmental protection program. The licensee stated that the program consisted of regular reviews by NMPC and the implementation of SWEC CSIs, including the "Action Required" forms completed as necessary to correct unacceptable conditions. The inspector reviewed the CSIs that constitute the program and selected completed "Action Required" forms, and noted that the basic elements of responsibility assignments and program requirements were included. The site environmental protection program appeared to provide for adequate controls and protection measures during the construction of the facility.

No items of noncompliance were identified.

6. Exit Interview

The inspector met with the licensee and contractor representatives, denoted in paragraph 1, at the conclusion of the inspection on February 25, 1981. The inspector summarized the purpose and the scope of the inspection and the inspection findings.

