

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

REGION III

Report No. 50-367/80-01

Docket No. 50-367

License No. CPPR-104

Licensee: Northern Indiana Public Service
Company
5256 Hohman Avenue
Hammond, IN 46325

Facility Name: Bailly Nuclear Generating Station

Inspection At: Bailly Site, Porter, IN; Champaign, IL; and Valparaiso, IN

Inspection Conducted: March 10 - 14, 1980

Inspectors: *E. J. Gallagher*
E. J. Gallagher*P. A. Barrett*
P. A. BarrettApproved By: *R. C. Knop*
R. C. Knop, Chief
Projects Section 1*3/27/80**3-27-80**3-27-80*Inspection SummaryInspection on March 10 - 14, 1980 (Report No. 50-367/80-01)Areas Inspected: Project Turnover Inspection; plant tour; inspection of warehouses; discussion of pile driving activities; and attendance at pre-hearing. This inspection involved a total of 11 inspector-hours on site by two Region III NRC inspectors.Results: No items of noncompliance were identified.

DETAILS

Persons Contacted

Pile Design Meeting - March 10, 1980

NRC Staff

O. Thompson, Geosciences Branch, DSS
L. Heller, Geosciences Branch, DSS
R. Sause, Geosciences Branch, DSS
M. D. Lynch, Project Management
E. J. Gallagher, Region III, IE
P. A. Barrett, Region III, IE
J. Ma, Structural Engineering Branch

NRC Consultants

M. T. Davisson
W. J. Hall

U.S. Army Corps of Engineers

W. Otten, Detroit District
J. Grundstrom, Detroit District
J. Simpson, North Central Division
J. Norton, North Central Division
P. Hadala, Water Experiment Station

Site and Warehouses Inspections

Principal Licensee Employees

R. J. Bohn, Manager, Nuclear Staff
*A. Severence, Mechanical-Nuclear Supervisor
*J. Herr, Electrical Engineer
*E. Kritzer, QA Engineer

C. F. Brann Company

*D. K. Maxwell, Site QC Supervisor
*J. Zydel, Materials Supervisor

*Denotes those present at the exit interview.

1. Meeting on Bailly Pile Foundation Design

A meeting was held on March 10, 1980 in Champaign, Illinois to discuss the technical details of the pile foundation design of the

Bailly plant structures. The meeting was attended by NRC staff, Corps of Engineers, and NRC Consultants. Details of the meeting included discussion of the pile design criteria, driving criteria, construction requirements, inspection program, and settlement monitoring program.

2. Pre-Hearing Conference on Bailly Project

The RIII NRC inspectors attended the pre-hearing conference held on March 12, 1980 at the U.S. National Guard Armory in Valparaiso, Indiana. The pre-hearing consisted, in part, of discussions concerning the scope of a construction permit extension hearing, if held.

3. Functional or Program Areas Inspected

- a. The RIII inspectors toured the plant site and discussed the current status of the driven piles.
- b. The RIII inspector took extensive tours of the reactor pressure vessel, RPV, warehouse, the maintenance and N-1 site warehouses, the Chesterton warehouse, and the B and F-B warehouses at Michigan City.

The inside of the RPV was being maintained at 10⁰ F above ambient temperature in a nonheated warehouse. The RPV head was not locally heated, but was stored inside the RPV warehouse.

All of the other warehouses were well heated and clean. The contained equipment and materials had protective coverings, rodent guards, space heaters energized, and indications of desiccants being used, where applicable.

Controlled access was maintained at all of the warehouses.

No items of noncompliance or deviations were identified.

- c. The licensee was informed that Mr. P. A. Barrett had taken responsibility as the Region III Project Inspector of the Bailly activities, effective February 1, 1980.

Exit Interview

The inspector met with site staff representatives (denoted in the Persons Contacted paragraph) at the conclusion of the inspection on March 14, 1980 at the Michigan City warehouses. The inspector summarized the scope and findings of the inspection. The licensee acknowledged the findings.