

UNITED STATES NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Report of Construction Inspection

IE Inspection Report No. 050-440/76-01
IE Inspection Report No. 050-441/76-01

Licensee: Cleveland Electric Illuminating Company
P.O. Box 5000
Cleveland, Ohio 44101

Perry Nuclear Power Plants, Units 1 and 2
Painesville, Ohio

Licenses No. NA
and No. NA
Category: A

Type of Licensee: BWR (GE) 1250 Mwe

Type of Inspection: Routine, Announced

Dates of Inspection: February 11-13, 1976

Principal Inspector: *K. R. Naidu*
K. R. Naidu

3/15/76
(Date)

Accompanying Inspector: *W. J. Key*
W. J. Key

3/12/76
(Date)

Other Accompanying Personnel: None

Reviewed by: *J. C. LeDoux*
J. C. LeDoux, Chief
Engineering Support Section

3/12/76
(Date)

9601030226 XA

f. Longterm Monitoring Program

The licensee reported that GAI is required to develop a program to document, interpret and report the performance of foundations. To implement the program, the following aids will be set up:

- (1) The RGE will supervise the installation of bench marks, such as the reactor pedestal gauges, in the foundations.
- (2) GAI will determine the location of the settlement monitoring points.
- (3) A procedure is being developed to periodically inspect the inspection pits (to be located in manholes) to examine the site shale.

g. Radiation Monitoring in Discharge Headers

The requirements of the scintillating detectors to be installed in each of the two headers are defined in specification SP-440. The continuous monitoring system is said to be designed to automatically stop the nine pumps in the pumped discharge subsystem of the underdrain system should the levels in the radiation monitors exceed the permissible value.

h. Analyses of Class A Backfill

The RGE informed the inspector that samples of Class A backfill have been collected and sent for tests. The results of the tests will be studied by GAI to determine the acceptability.

i. Geological Mapping of The Shale

The RGE informed the inspector that he is collecting the data to map the shale according to the work progress.

j. Filling Chargin Shale Voids

The inspector was informed that Revision III was issued to specification SP-82 which describes the use of lean concrete to fill voids in the Chargin Shale. During the current inspection, the inspectors witnessed the filling of voids in the Chargin Shale in certain areas prior to placing the porous concrete. The inspector determined that work activity was done under the supervision of the Resident Geological Engineer (RGE) to specification SP-82.

ACTION

EDO Principal Correspondence Control

FROM: Steve Gannis
Ohio Citizens Against A Radioactive
Environment

DUE: 12/13/95

EDO CONTROL: 0000851
DOC DT: 11/13/95
FINAL REPLY:

TO: Chairman Jackson

FOR SIGNATURE OF :

** GRN **

CRC NO: 95-1034

Russell

DESC:

ROUTING:

INVESTIGATE REPORTED CRACK IN BEDROCK UNDER PERRY
NUCLEAR PLANT

Taylor
Milhoan
Thompson
Blaha
HMiller, RIII
Morrison, RES

DATE: 11/29/95

ASSIGNED TO:

CONTACT:

NRR

Russell

SPECIAL INSTRUCTIONS OR REMARKS:

NRR RECEIVED:

NOVEMBER 30, 1995

NRR ACTION:

DPRW:ROE

NRR ROUTING:

RUSSELL
GILLESPIE
THADANI
ZIMMERMAN
CRUTCHFIELD
BOHRER

ACTION

DUE TO NRR DIRECTOR'S OFFICE

BY Dec 8, 1995

OFFICE OF THE SECRETARY
CORRESPONDENCE CONTROL TICKET

PAPER NUMBER: CRC-95-1034
ACTION OFFICE: EDO
AUTHOR: STEVE GANNIS
AFFILIATION: OHIO
ADDRESSEE: CHAIRMAN JACKSON
LETTER DATE: Nov 13 95 FILE CODE: IDR-5 PERRY
SUBJECT: INVESTIGATE REPORTED CRACK IN BEDROCK UNDER PERRY
NUCLEAR PLANT
ACTION: Direct Reply
DISTRIBUTION: DSB
SPECIAL HANDLING: SE/RY TO ACK
CONSTITUENT:
NOTES:
DATE DUE: Dec 13 95
SIGNATURE: . DATE SIGNED:
AFFILIATION:

EDO --- 000851