

II-1

IE Rpt. Nos. 50-438/75-6  
and 50-439/75-6

DETAILS II

Prepared by:

*E. J. Vallish*  
E. J. Vallish, Reactor Inspector  
Facilities Section  
Facilities Construction Branch

*8/1/75*  
Date

Dates of Inspection: July 15-17, 1975

Reviewed by:

*J. C. Bryant*  
J. C. Bryant, Senior Inspector  
Facilities Section  
Facilities Construction Branch

*8/1/75*  
Date

The material contained in these Details applies to both Units 1 and 2, unless specifically identified with a single unit.

1. Individuals Contacted

a. Tennessee Valley Authority (TVA)

W. W. Aydelott - Project Manager  
F. E. Gilbert --Construction Engineer  
J. E. Wilkins - Assistant Construction Engineer  
P. Ortstadt - Supervisor, Field QA Unit  
H. D. Patton - Mechanical Engineering Associate

b. Contractor Organization

Inland-Ryerson Construction Products Division (INRYCO)

D. F. Rickman - Site Superintendent  
J. Soderber - QA Engineer

2. Quality Assurance

The qualification of inspection, examining and testing personnel is described in DEC-QAP No. 2.07 which conforms to ANSI N45.2.6. The training qualification record book was observed to contain the test results of some 45 individuals so far, that are engaged in QA/QC activities.

The following audits performed by the Field QA Unit were reviewed: BN-M-75-01, Handling, Storage and Maintenance of Permanent Mechanical Equipment; BN-C-75-01, Batch Plant and Materials Lab Operation; BN-G-75-04, Control and Calibration of Construction Tools, Gages, Instrument Recording and Measuring Devices; BN-E-75-04, Receiving, Storage and Maintenance of Permanent Electrical Material; BN-M-75-02, Welding Audit; and BN-M-75-03, Audit of Welding Activities at BNP for Compliance with DEC-QCP-4.3.

One deviation was noted in that a finding in BN-M-75-01 audit indicated that the thermometers in the weld rod ovens were not calibrated. The action taken was to order temperature indicators which could be calibrated. These were on order; however, the condition of the weld rods was not assured during the interim. As a result of the inspector's questions, the oven temperatures were immediately checked with Tempil sticks and a calibrated pyrometer to qualify the oven thermometer readings. No other problems were found.

### 3. Welding

The welding training and test shop was inspected. This facility is in the state of being organized, but some welder training and qualification was observed. It was stated by the supervisor that welders were being qualified for carbon steel Q type welding, but that the stainless steel "Q" type welding qualifications had not been started, nor had any Heliarc welding qualification been performed.

### 4. Site Activities

The Unit 1 concrete walls and fill concrete are being placed at the tendon gallery elevation. Walls are being readied for concrete in the reactor vessel cooling duct tunnel and the rebar mat is being assembled in the reactor cavity area. Rock anchor tendons are being installed in their holes, cover boxes with O-ring seals to concrete are bolted down and a continuous cover of pH 11 lime water is being maintained to prevent corrosive attack. Core drilling into the bed rock for the steam generator anchor supports is underway.

The Unit 2 concrete fill is being placed and drilling of the rock anchor tendon holes is almost completed.

Concrete slabs and walls for the lower level of the Auxiliary Building are being formed.

Excavation for the Turbine Building continues.

The yard drainage pond has been graded and the dike is in place.

Letter to Tennessee Valley Authority from N. C. Moseley  
dated JUL 3 1975 and IE Rpt. Nos. 50-438/75-5  
and 50-439/75-5

DISTRIBUTION:

H. D. Thornburg, IE

IE:HQ (5)

Office of Standards Development

Division of Reactor Licensing (13)

Central Files

\*PDR

\*Local PDR

\*NSIC

\*TIC

\*State

\*To be dispatched at a later date.