

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

REGION III

Report No.: 50-358/80-06

Docket No.: 50-358

License No.: CPPR-88

Licensee: Cincinnati Gas and Electric Company
139 East 4th Street
Cincinnati, OH 45201

Facility Name: W. H. Zimmer Nuclear Power Station

Inspection At: W. H. Zimmer Site, Moscow, Ohio

Inspection Conducted: March 3-7, 10-14, 17-21, and 24-28, 1980

Inspector: *T. N. Tambling for*
F. T. Daniels

4/10/80

Approved By: *T. N. Tambling*
T. N. Tambling
Acting Chief, Projects Section 2-2

4/10/80

Inspection Summary

Inspection on March 3-7, 10-14, 17-21, and 24-28, 1980 (Report No. 50-358/80-06)

Areas Inspected: Routine announced inspection of preoperational procedures, maintenance procedures, operational procedures, plant tours, followup on 10 CFR 50.55/(e) construction deficiencies and inspection of previously identified noncompliances and open items. This inspection involved 131 inspector manhours onsite by the NRC Senior Resident Inspector.

Results: No items of noncompliance or deviation were identified.

DETAILS

1. Personnel Contacted

*J. Schott, Station Superintendent
*P. King, Assistant Station Superintendent
R. Link, Operation Supervisor
*J. Wald, Station Quality Engineer
J. Woeste, I&C Engineer
R. Donnellon, Maintenance Supervisor
R. Mayhugh, I&C Foreman
W. Schwiers, Principal QA&S Engineer
and others of the station staff

*Denotes personnel attending monthly exit meeting.

2. Licensee Action on Previous Inspection Findings

(Closed) Open Item (50-358/79-08): Revision to work request procedure. The inspector reviewed the current revision and found it to be acceptable.

(Closed) Open Item (50-358/79-35): Inadequate valve checklist for OP.RD.01-CRD hydraulic system. The inspector reviewed the current revision and found it to be acceptable.

(Closed) Noncompliance (50-358/79-06a). Failure to follow startup manual procedure SU. ACP.16, Equipment and Building cleanliness. The inspector verified that monthly and weekly cleanliness inspections of systems turned over for preoperational testing is now maintaining adequate cleanliness.

(Closed) Noncompliance (50-358/79-06b). Failure to follow OP.HP.01-4 valve lineup. (Not closing valves IE22-F003 and IE22-F031.) The inspector reviewed the licensee's action to prevent further non-adherence to procedures and found them acceptable.

(Closed) Noncompliance (50-358/79-06-09). Inadequate inspection procedure 22A4387 and FDDR KN-1-286. The inspector verified the new revision of the inspection procedure which was acceptable.

3. Preoperational Procedures

The inspector reviewed the below listed preoperational test procedures to verify that testing commitments related to the FSAR, docketed licensee letters, and the Safety Evaluation Report were included.

a. PO-HP-1 - High pressure core spray, revision 1, January 3, 1979.

- b. PO-LP-1 - Low pressure core spray, revision 1, December 11, 1978.
- c. PO-NB-1 - Nuclear Boiler, revision 0, June 20, 1979.
- d. PO-NB-2 - Automatic depressurization system, revision 0, November 9, 1978.
- e. PO-RH-1 - Residual heat removal, revision 1, May 22, 1979.
- f. PO-RI-1 - Reactor core isolation cooling, revision 0, October 5, 1978.
- g. PO-VR-01 - Reactor building ventilation system, revision 0, February 19, 1979.
- h. PO-VG-01 - Standby gas treatment system and secondary containment leak test, revision 0, August 11, 1978.
- i. PO-VG-02 - Standby gas filter train filters, revision 0, September 5, 1978.

All the above reviewed preoperational test procedures were found to include all the testing commitments in the areas of test objective safety precautions and prerequisites.

No items of noncompliance or deviation were noted.

4. Maintenance Procedures

The inspector reviewed the below listed procedures to verify that the plant maintenance procedures were prepared to adequately control maintenance of safety related systems within applicable regulatory requirements.

- a. MM.SAD.01 - Station Maintenance, revision 01, May 14, 1979.
- b. MM.SAD.02 - Preventive Maintenance Program, revision 02, February 8, 1980.
- c. IM.SAD.01 - Instrument and Control Program, revision 01, January 8, 1980.
- d. MT.SAD.01 - Control of Measuring & Test Equipment, revision 04, March 6, 1979.
- e. EC.SAD.05 - Work Request, revision 03, February 8, 1980.
- f. EC.SAD.06 - Job Orders, revision 03, February 8, 1980.

- g. IC.GIP.G501 - Control of Cut-of-Calibration Measuring and Test Equipment, revision 01, March 11, 1980.
- h. RE.SAD.01 - Reliability Program, revision 00, August 28, 1978.
- i. RE.SAD.02 - Surveillance Program, revision 02, January 23, 1980.
- j. Instrument and Control Surveillance Procedures

.IC.SAR.R01	.IC.SLP.P52	.IC.SRD.L51
.IC.SAR.R02	.IC.SNB.P03	.IC.SNB.L53
.IC.SCM.L71-2	.IC.SNB.P52	.IC.SHP.L02
.IC.SNR.N04	.IC.SLP.F51	.IC.SNR.N54

k. Maintenance Procedures

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|--------------|--------------|--------------|
| .ME.AMP.01 | .ME.CMP.2.09 | .ME.CMP.1004 |
| .ME.AMP.03 | .ME.CMP.2.15 | .ME.CMP.1005 |
| .ME.CMP.1.06 | .ME.CMP.2.16 | .ME.CMP.2.11 |
| .ME.CMP.2.01 | .ME.CMP.3.22 | .ME.PMS.2.02 |
| .ME.CMP.2.02 | .ME.CMP.1001 | .ME.PMS.2.13 |
| .ME.CMP.1002 | .ME.CMP.1003 | .ME.PMS.2.17 |

The inspector found that all procedures, except those noted below, were in the appropriate format as specified in the administrative controls and were technically adequate to accomplish their stated purpose. Many were found to have clerical errors and the inspector reviewed those comments with appropriate personnel; those errors will be corrected in subsequent revisions.

- a. IM.SAD.01 - Instrument and Control Program, revision 01, January 8, 1980.

Doesn't contain sufficient information to insure an adequate I&C program. For example, no training requirements are reflected and the procedure discusses many different classes of instruments without defining each class. This is considered an open item (50-358/80-06-01) and will be followed up in subsequent inspections.

- b. ME.CMP.1001 - Control Rod Uncoupling, Removal and Installation
- ME.CMP.1002 - Control Rod Guide Tube Removal and Installation
- ME.CMP.1003 - Control Rod Position Probe Removal and Installation
- ME.CMP.1004 - Control Rod Drive Removal and Installation
- ME.CMP.1005 - CRD Thermal Sleeve Removal and Installation

The above procedures were found to be void of QC hold or witness points. This was discussed with the Quality Engineer and the

QC hold or witness points will be established in the next revision. This is considered an open item (50-358/80-06-02) and will be followed up in subsequent inspections.

No items of noncompliance or deviation were noted.

5. Construction Deficiencies

The inspector received the following 10 CFR 50.55(e) construction deficiency notifications from the licensee.

- a. Actuators and springs in actuators for HVAC supplied from American Warming and Ventilating.
- b. Anchor Darling valves 1VP006 and 1WR133B have improper operating characteristics due to inadequate disc guides in vertically mounted valves.
- c. Current output problems in Rosemount Model 1152 Pressure Transmitters.

No items of noncompliance or deviation were noted.

6. Plant Tours

The inspector conducted tours throughout the reporting period and the following items were found. All items were brought to the attention of the appropriate supervisor and adequate corrective action was initiated.

- a. Conduit support base plate for HP011, 12, 51, 52 and 59 was missing a nut.
- b. Restraint on IRD28CB10-21 missing to anchor bolts on base plate.
- c. Conduit for VG-740 missing bolt on hold down strap on unistrut support on top of IT1-VG010.
- d. JB-DC-03 appears to be mounted on BBW5.16 improperly.

7. Exit Interview

The inspector met with licensee representatives (denote in paragraph 1) at the conclusion of the inspection on March 27, 1980. The inspector summarized the scope and findings of the inspection.