

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

REGION III

Report No. 50-461/80-22

Docket No. 50-461

License No. CPPR-137

Licensee: Illinois Power Company
500 South 27th Street
Decatur, IL 62525

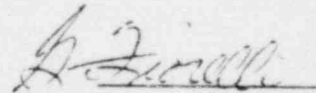
Facility Name: Clinton Nuclear Power Station, Unit 1

Meeting At: Decatur, IL

Meeting Conducted: October 28, 1980

RIII NRC Personnel Present: J. G. Keppler, Director
G. Fiorelli, Chief, Reactor Construction and
Engineering Support Branch
R. C. Knop, Chief, Projects Section 1, RC&ES
H. H. Livermore, Senior Resident Inspector
H. M. Wescott, Project Inspector

Approved By: G. Fiorelli, Chief
Reactor Construction and
Engineering Support Branch



Meeting Summary

Management Meeting on October 28, 1980 (Report No. 50-461/80-22)

Areas Discussed: Management meeting held at the NRC's request to discuss the regulatory performance of the activities at Clinton Nuclear Station Unit 1 as concluded in the Systematic Assessment of Licensee Performance (SALP) program.

Results: A summation of the licensee performance evaluation was presented. Areas of concern were discussed with corporate management. The performance at Clinton, Unit 1 was considered to be adequate.

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DETAILS

1. Persons Contacted

Illinois Power Company Personnel Present

W. C. Gerstner, Executive Vice President
L. J. Koch, Vice President
J. O. McHood, Vice President
J. Geier, Manager, Nuclear Station Engineering
A. J. Budnick, Director of Quality Assurance
T. F. Plunkett, Clinton Plant Manager

2. Areas Discussed

- a. A summary of the SALP program was presented, including the development, the basis for evaluation, and its purpose.
- b. The results of the NRC's evaluation of the licensee's performance were discussed. (A copy of the evaluation is enclosed).
- c. Several topics related to enforcement, the inspection program, and regulatory planning were discussed with the licensee.

3. Major Observations

- a. Within the areas reviewed during this appraisal period, the noncompliance history appears to be average when compared with other facilities at approximately the same stage of construction. The severity level of the noncompliances is relatively low.
- b. One half of the construction deficiency reports of problems reported by the licensee in accordance with 10 CFR 50.55(e) requirements were considered to be within the control of the licensee.
- c. The recent assignment of the A&E personnel, hiring of consultants at the site, and reorganization of Illinois Power Company appears to be having a positive effect on the licensee's regulatory performance.
- d. Review and analysis of the noncompliance items and 10 CFR 50.55(e) reports indicates a need for improvement in the following areas:
 - (1) Communications within the licensee group and interface with contractors.
 - (2) Timely and adequate QC inspection.

(3) Improved procedures/instructions.

- e. Management effort should be devoted toward trending regulatory performance during the next appraisal period as the NRC's inspection program progresses.
- f. Management should increase its sensitivity for maintaining the proper separation between production/cost consideration and QA/QC.
- g. The overall attitude of responding to the results of NRC inspections is poor. Improvement is necessary in the area of responsiveness to problems presented by the NRC.

4. Overall Assessment

The overall performance of Illinois Power Company during the appraisal period, as related to the Clinton Unit 1 plant, is considered adequate.

5. Planned NRC Actions

Increased inspection effort is planned in the areas of quality assurance, management, and training.

Enclosure: SALP Evaluation

REGION: III

LICENSEE PERFORMANCE EVALUATION (CONSTRUCTION)

Facility: Clinton Unit 1

Licensee: Illinois Power Company

Unit Identification:

<u>Docket No.</u>	<u>CP No./Date of Issuance</u>	<u>Unit No.</u>
50-461	CPPR-137 February 23, 1976	1

Reactor Information:	<u>Unit 1</u>	<u>Unit 2</u>
NSSS	GE	
MWt	2984	

Appraisal Period: July 1, 1979 through June 30, 1980

Appraisal Completion Date: October 28, 1980

Review Board Members:

J. G. Keppler, Director, RIII
G. Morelli, Chief, Reactor Construction and Engineering Support Branch, RIII
R. C. Knop, Chief, Projects Section 1, RC&ES, RIII
H. M. Wescott, Project Inspector, RIII
E. J. Gallagher, Reactor Inspector, Engineering Support Section 2, RC&ES, RIII
J. Hughes, Project Inspector, RIII
J. H. Neisler, Project Inspector, RIII
H. Livermore, Resident Inspector, RIII
F. Hawkins, Reactor Inspector, Engineering Support Section 2, RC&ES, RIII

A. Number and Nature of Noncompliance Items

Noncompliance Category:	<u>Unit 1</u>	<u>Unit 2</u>
Violations	0	
Infractions	14	
Deficiencies	1	
Areas of Noncompliance:	<u>Unit 1</u> <u>(Points)</u>	<u>Unit 2</u> <u>(Points)</u>
1. Measures not provided to control obsolete or superceded documents against inadvertent use.	10	
2. Excessive NCR's prior to taking corrective action to preclude recurrence.	10	
3. Inadequate instructions and failure to correctly translate PSAR commitments.	10	
4. Inadequate procedure for preservation and maintenance of equipment stored in place or installed.	10	
5. QA program did not provide for control of the site settlement monitoring program.	10	
6. Measures not established to assure conformance to procurement documents.	10	
7. Annual audit of QA program not performed.	3	
8. Foreign material stored in weld rod holding ovens.	10	
9. Incorrect weld prep (fit-up).	10	
10. Incorrect weld bead width.	10	

11. Welders not aware of welding parameters of WPS.	10
12. Improper segregation of material.	10
13. Inadequate inspection of concrete activities.	10
14. Activities being performed without procedures/instructions, traveller, or design changes.	10
15. Improper segregation of material (electrical).	10

TOTAL POINTS	<u>143</u>
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B. Number and Nature of Deficiency Reports (10 CFR 50.55(e))

- 4 - Involved defective equipment, parts, etc. from vendor (50.55(e) reports)
- 4 - Involved direct licensee controlled activities (50.55(e) reports)

C. Escalated Enforcement Actions

Civil Penalties

None.

Orders

None.

Immediate Action Letters

None.

D. Management Conferences Held During Past Twelve Months

September 10, 1980 meeting at RIII at licensee's request to discuss IPC's reorganization.

E. Justification of Evaluations of Functional Areas Categorized as Requiring an Increase in Inspection Frequency/Scope (See evaluation sheet)

*1. Increase quality assurance, management and training inspection.

Justification

1. 50.55(e) report (RHR heat exchanger embed plates - inadequate inspection)
2. 50.55(e) report (containment spray system support weld defects - inadequate inspection)
3. 50.55(e) report (cracked clip angles - inadequate inspection)
4. 50.55(e) report (CRD tubes poor welding - inadequate inspection)
5. 50.55(e) report (incorrect soil characteristic - breakdown in QA)
6. Noncompliance 80-06-02 (inadequate instructions)
7. Noncompliance 80-06-05 (measures not established to assure conformance with procurement documents)
8. Noncompliance 80-05-06 (no annual audit of sub-contractor)
9. Noncompliance 80-07-02 (inadequate inspection of weld fit-up)
10. Noncompliance 80-09-01 (inadequate inspection of concrete work)

A. Number and Nature of Noncompliance Items

Noncompliance Category:	<u>Unit 1</u>	<u>Unit 2</u>
Violations	0	
Infractions	14	
Deficiencies	1	
 Areas of Noncompliance:	 <u>Unit 1</u>	 <u>Unit 2</u>
	 (Points)	 (Points)
1. Measures not provided to control obsolete or superceded documents against inadvertent use.	10	
2. Excessive NCR's prior to taking corrective action to preclude recurrence.	10	
3. Inadequate instructions and failure to correctly translate PSAR commitments.	10	
4. Inadequate procedure for preservation and maintenance of equipment stored in place or installed.	10	
5. QA program did not provide for control of the site settlement monitoring program.	10	
6. Measures not established to assure conformance to procurement documents.	10	
7. Annual audit of QA program not performed.	3	
8. Foreign material stored in weld rod holding ovens.	10	
9. Incorrect weld prep (fit-up).	10	
10. Incorrect weld bead width.	10	

Inspection
Frequency and/or Scope

FUNCTIONAL AREA	Inspection Frequency and/or Scope		
	Increase	No. Change	Decrease
1. Quality Assurance, Management & Training	X		
2. Substructure & Foundations		X	
3. Concrete		X	
4. Liner (Containment & Others)		X	
5. Safety-Related Structures		X	
6. Piping & Hangers (Reactor Coolant & Others)		X	
7. Safety-Related Components (Vessel, Internals & HVAC)		X	
8. Electrical Equipment		X	
9. Electrical (Tray & Wire)		X	
10. Instrumentation		X	
11. Fire Protection		X	
12. Preservice Inspection		X	
13. Reporting		X	

D. J. ...
(Designated Regional Manager)

Date 11/7/80