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ILLINOIS POWER COMPANY



CLINTON POWER STATION, P.O. BOX 678, CLINTON, ILLINOIS 61727

August 22, 1985

Docket No. 50-461

Mr. James G. Keppler
Regional Administrator
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

PRIORITY ROUTING	
First	Second
RA	RC
DA	DC
URS	RL
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FILE

SUBJECT: Licensee Investigation of Allegation


Dear Mr. Keppler:

This letter is in response to C. E. Norelius' letter to W. C. Gerstner dated July 29, 1985. This letter identified a concern with the adequacy of welding procedures and the possible detrimental effects on welds related to the letter from Ray Moss Associates to A. E. King of Baldwin Associates.

Our review determined that the welder was qualified and used the correct welding procedures. However, the welding was performed on the wrong welds. This resulted in the welder being terminated for performing unauthorized work. Documentation supporting our review will be maintained in our files for your review during subsequent inspections.

Illinois Power Company appreciates the opportunity to assist in investigating, reviewing and resolving allegations.

Sincerely yours,


B. P. Hall
Vice President

REC/jsp

cc: Director, Office of I&E, USNRC, Washington, D.C. 20555
B. L. Siegel, NRC Clinton Licensing Project Manager
NRC Resident Office
Illinois Department of Nuclear Safety
Allen Samelson, Assistant Attorney General, State of
Illinois

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ILLINOIS POWER COMPANY



CLINTON POWER STATION, P.O. BOX 678, CLINTON, ILLINOIS 61727

August 23, 1985

Docket No. 50-461

Director of Nuclear Reactor Regulation
Attn: Mr. W. R. Butler, Chief
Licensing Branch No. 2

Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Clinton Power Station Unit 1
Illinois Power Company Endorsement of Visual
Weld Acceptance Criteria (VWAC), Revision 2

Dear Mr. Butler:

Please find attached for the Staff's review a marked-up Clinton Final Safety Analysis (FSAR) page B-3. This mark-up, which will be incorporated into the FSAR in Amendment 35, provides the clarifications requested by the Staff on Illinois Power Company's adoption of the Visual Weld Acceptance Criteria (VWAC) for AWS Structural Welding at Nuclear Power Plants, Revision 2. Your timely review and approval of this material is requested to support the earliest possible implementation of these criteria at CPS.

Please contact us if you have any questions regarding this matter.

Sincerely yours,

F. A. Spangenberg

F. A. Spangenberg
Director - Nuclear Licensing
Nuclear Station Engineering

RTR/kaf

Attachment

cc: B. L. Siegel, NRC Clinton Licensing Project Manager
NRC Resident Office
Regional Administrator, Region III, USNRC
Illinois Department of Nuclear Safety

PRIORITY ROUTING	
First	Second
RA	RC
DRA	RC
SRP	SCA
ORS	ML
DRES	OL
DRMA	OT
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examination, except that welds impractical to radiograph were examined by ultrasonic and either magnetic particle or liquid penetrant methods.

The above nondestructive test methods were in compliance with applicable sections of the following ASTM specifications:

- a. E94-68, "Recommended Practice for Radiographic Testing,"
- b. E142-77, "Controlling Quality of Radiographic Testing,"
- c. E164-74, "Recommended Practice for Ultrasonic Contact Examination of Weldments,"
- d. E109-63, "Dry Powder Magnetic Particle Inspection,"
- e. E138-63, "Wet Magnetic Particle Inspection,"
- f. E165-75, "Recommended Practice for Liquid Penetrant Inspection Method," and
- g. AWS D1.1. (as clarified VWAC, Revision 2).

All other weld joints including fillet welds, were 100% visually examined. The visual examination conformed to all applicable requirements of AWS D1.1 through July 1985. Visual welding inspection after that date was performed to the criteria contained in VWAC Revision 2. Clarifications to and deviations from portions of AWS D1.1 (~~and VWAC Revision 2~~) are made based on engineering evaluations.

B.3.3.3 Fabrication

The fabrication of structural steel conformed to AISC "Specification for the Design, Fabrication and Erection of Structural Steel for Buildings," 1969 or 1978.