

ILLINOIS POWER COMPANY



U-0367

L30-81 (12-02)-6

500 SOUTH 27TH STREET, DECATUR, ILLINOIS 62525

December 2, 1981

Mr. James R. Miller, Chief
Standardization & Special Projects Branch
Division of Licensing
Office of Nuclear Reactor Regulations
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



Dear Mr. Miller:

Clinton Power Station Unit 1
Docket No. 50-461

Attached are details related to the following items which were discussed with D. Smith, Materials Engineering Branch, during a meeting of November 30, 1981 to resolve issues for the Clinton SER:

<u>Issues</u>	<u>Information Due Date</u>
Fracture Toughness	12-31-81
Compliance with 10CFR50 Appendix G.	12-31-81
ASME Code Paragraph NB-2332	12-31-81
Surveillance Capsule Data	4-1-82

The above items are considered by the NRC and IP to be confirmatory for CPS licensing purposes, in that the approaches are correct but that further detailed information to be submitted to the NRC by the dates indicated.

Sincerely,

J.D. Geier
Manager, Nuclear Station Engineering

Attachments

cc: J.H. Williams, NRC Clinton Project Manager
H.H. Livermore, NRC Resident Inspector
D. Smith, NRC MTEB

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Issue

Fracture toughness

IPC must provide drop-weight, RTndt, and CVN impact test data on all reactor pressure boundary materials that are limiting for operation to demonstrate compliance with the fracture toughness requirements of paragraph III-A of Appendix G, 10 CFR 50.

Response

Specifications for all CPS reactor pressure boundary materials called for CVN data to support fracture toughness requirements of Appendix G, 10CFR50. The various manufacturer's data are being reviewed, and we intend to send to the NRC on or before December 31, 1981, the specific information requested.

Action Required

Collect and submit required information.

Issue

Compliance with 10 CFR 50, Appendix G

IPC must state categorically and explicitly the extent of compliance to paragraphs III.B.4 and III.B.5.a.b.c and d of Appendix G, 10 CFR 50.

Response

Our specifications require that the manufacturer's inspectors meet the code requirements for non-destructive testing. The various manufacturer's data are being reviewed, and we intend to be able to certify compliance, or list specific exceptions (and Justifications), on or before December 31, 1981.

Action Required

Collect and submit requested data.

Issue

ASME Code paragraph NB-2332

IPC must certify that the materials for piping, pumps, and valves, excluding bolting, meet the requirements of paragraph NB-2332 of the ASME Code and justify deviation.

Response

Specifications for the piping, pumps, and valves materials include requirements of NB-2332. The various manufacturer's data are being reviewed, and we intend to be able to certify to the NRC, on or before December 31, 1981, that these requirements have been met.

Action Required

Collect and submit required data.

Issue

Surveillance Capsule Data

Provide data on the lead factor of each surveillance capsule with respect to the vessel inner wall.

Response

The lead factor analysis has been scheduled by General Electric Company for the first quarter of 1982. Computer availability and run time are the governing factors which call for completion during that quarter. We intend to supply to the NRC the information requested, by April 1, 1982.

Action Required

Collect and submit required data.