

Docket No. 50-461

JUL 9 1985

Mr. Frank A. Spangenberg
Director of Nuclear Licensing
and Configuration Management
Clinton Power Station
P.O. Box 306
Mail Code V920
Clinton, Illinois 61727

Dear Mr. Spangenberg:

SUBJECT: STAFF REVIEW OF CLINTON RESOLUTION OF SPDS AUDIT FINDINGS

The enclosure contains the staff's comments on your SPDS Design Program. At present, it appears that your program should result in an SPDS system that meets the provisions of Supplement 1 to NUREG-0737 (TMI Action Plan Item I.D.2). Your schedule of implementation should allow the staff sufficient time to complete its review prior to the current licensing date. However, in order for the staff to complete its review, the information identified in the enclosure and confirmation of acceptability of the proposed October 22 and 23 audit dates is required.

Any questions regarding this matter should be addressed to your project manager.

Sincerely,

Walter R. Butler, Chief
Licensing Branch No. 2
Division of Licensing

Enclosure: As Stated

cc: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Any questions regarding this matter should be addressed to your project manager.

Sincerely,

A handwritten signature in cursive script, reading "Walter R. Butler".

Walter R. Butler, Chief
Licensing Branch No. 2
Division of Licensing

Enclosure: As Stated

cc: See next page

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STAFF COMMENTS REGARDING THE
FINDINGS AND OPEN ITEMS IDENTIFIED
DURING THE CLINTON SPDS AUDIT
OF DECEMBER 12 AND 13, 1984

On December 12 and 13, 1984, the staff conducted an audit of the verification phase of the Clinton Safety Parameter Display System (SPDS) design program. During that audit the staff and its contractors identified approximately 50 findings and open items and concluded that the applicant was in jeopardy of not adequately satisfying the provisions of Supplement 1 to NUREG-0737 regarding SPDS (Reference 1).

In response to the SPDS audit, Illinois Power Company (IPC) initiated a corrective action plan which resulted in revisions to the initial design. The revised design was presented to the staff at a meeting at NRC Headquarters on February 20, 1985 (the revised design was documented in Ref. 2). The staff provided further comment to IPC on May 6, 1985 (Ref. 3). The applicant responded to staff's comments in a letter dated June 12, 1985 (Ref. 4).

The staff has reviewed the applicant's submittals (Ref. 2 and 4) and concludes that the findings of the December 12 and 13, 1984 audit of the Clinton SPDS have been adequately addressed by the Clinton corrective action program. Further, it now appears that the design program at Clinton should result in a display system that satisfies the provisions of Supplement 1 to NUREG-0737 concerning SPDS. The adequacy of the design, as finally implemented, cannot be fully determined until another audit is conducted. Given the present schedule of the applicant's program, the staff proposes that the audit be conducted on October 22 and 23, 1985.

Several open items still exist but the applicant has committed (Ref. 4) to providing some of the needed information prior to the proposed audit date:

<u>OPEN ITEM</u>	<u>COMMITMENT</u>
Scope of parameter validation testing	Submit Test Scope Document by July 1, 1985
Results of Validation Testing and Description of Dynamic Simulator Testing	Submit Test Results by October 4, 1985
Results of Analysis and Fault Testing of TEC 156 Analog Isolators	No written commitment provided

Based on the applicant's past responsiveness, the staff foresees no problem in closing these open items prior to licensing. However, the staff does request a written response to the open item not already committed to, as well as a confirmation of the staff's proposed audit date.

REFERENCES

1. Letter, A. Schwencer (NRC) to F. Spangenberg (IPC), February 8, 1985 with attachment.
2. Letter, F. Spangenberg (IPC) to A. Schwencer (NRC), April 11, 1985 with attachments.
3. Letter, A. Schwencer (NRC) to F. Spangenberg (IPC), May 6, 1985 with attachment.
4. Letter, F. Spangenberg (IPC) to W. Butler (NRC) June 12, 1985 with attachment.