

ILLINOIS POWER COMPANY



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

July 31, 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  
Safety Parameter Display System (SPDS)  
TMI Action Plan Item I.D.2

Dear Mr. Butler:

Your letter of July 9, 1985, requests that Illinois Power Company (IP) provide information related to various remaining activities in the implementation of the Clinton Power Station (CPS) SPDS. The following information is applicable and is identified by the open item from your reference letter:

1. Scope of Parameter Validation Testing

This material has been recently provided to the Staff via IP Letter U-600171, dated July 9, 1985. The scope of this testing is described in the attachment to the referenced letter in the report entitled "Safety Parameter Display System Dynamic Simulation Test Plan".

2. Results of Validation Testing and Description of Dynamic Simulator Testing

Currently, the SPDS Dynamic Simulation Test is scheduled for the end of August 1985. This schedule is constrained by the schedule for installation programming and testing of the Clinton SPDS on the Simulator. A complete description of this test, including the details of the plant transient/accident scenarios used, the operator responses using the SPDS, and the resultant verification and validation reviews/evaluations of this testing, will be provided to the Staff (as noted in your July 9, 1985, letter) by October 4, 1985.

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3. Results of Analysis and Fault Testing of the Technology  
for Energy Corporation (TEC) Model #156 Analog Isolators

TEC is currently testing the Model #156 isolators that are used at Clinton. The schedule for completion and IP review of these tests is such that the results will be submitted to the NRC Staff by September 1, 1985.

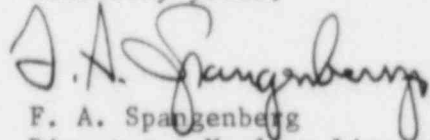
4. NRC Schedule for the SPDS Design Validation Audit

Your letter of July 9, 1985, has proposed that the subject audit be conducted at the Clinton Power Station on October 22 and 23, 1985. IP has reviewed the current schedule for SPDS implementation and has confirmed that these dates are acceptable.

As noted in your July 9, 1985 letter, IP has undertaken significant efforts, particularly since the Staff's December 12 and 13, 1984, Pre-implementation Audit (Design Verification Audit), to ensure that the Clinton SPDS meets the applicable requirements of NUREG-0737, Supplement #1. IP believes that the currently proposed SPDS will indeed fulfill those requirements. As such, IP fully supports a schedule which will provide for Staff review and closure of this critical issue prior to fuel load.

Please contact me if you should require additional information on this issue.

Sincerely yours,



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

TLR/lab

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