

ILLINOIS POWER COMPANY



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U-0476  
L16-82(05-06)-L

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

May 12, 1982

Mr. James C. Keppler  
Director, Region III  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

10 CFR Part 21 Defect  
General Electric NSPS Load Driver  
Connection Plugs  
Docket No. 50-461/CPPR-137

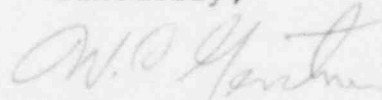
On December 8, 1981, Mr. A.J. Budnick of Illinois Power notified Mr. H.M. Wescott, U.S. NRC Region III, of a potential reportable defect per 10 CFR Part 21 regarding certain NSPS Load Driver Connection Plugs supplied by General Electric Company. Based upon an evaluation, Illinois Power is notifying the Commission of a 10 CFR Part 21 defect. This report provides information as required by 10 CFR Part 21.21(6)(3).

- (i) A.J. Budnick, Director-Quality Assurance informed the NRC of a potential defect on December 8, 1981.  
  
Mr. W.C. Gerstner, Executive Vice President, by means of this report, hereby informs the Commission of a 10 CFR Part 21 defect.
- (ii) The components involved are load driver printed circuit board connection plugs (parts list item #695) in NSPS panels P661, P662, P663 and P664 on elevation 800 in the main control room.
- (iii) Supplied by - General Electric Company, San Jose, CA.  
  
Manufactured by - General Electric Company, Daytona Beach, FL.
- (iv) The defect is that each connection plug has 4 jumpers missing and the resultant safety hazard is that the load drivers cannot perform their safety function of energizing or de-energizing their loads.

- (v) On December 1, 1981, Maintenance Work Request #A0433 was completed which verified that the subject connection plugs were missing the 4 jumpers.
- (vi) A total of 101 connection plugs are missing 4 jumpers each. These plugs are located in elevation 800' main control room NSPS panels as follows:
- |      |   |                     |
|------|---|---------------------|
| P661 | - | 45 Connection Plugs |
| P662 | - | 39 Connection Plugs |
| P663 | - | 11 Connection Plugs |
| P664 | - | 6 Connection Plugs  |
|      |   | <u>101</u>          |
- (vii) A maintenance work request (2163) was issued by Illinois Power Clinton Power Station maintenance organization to correct the connection plug defect. Completion of this work is pending delivery of correct jumper material.
- (viii) General Electric (CPS site) was alerted by General Electric (San Jose) that the subject jumpers possibly did not exist. General Electric (site) alerted Illinois Power who in turn generated the Maintenance Work Request which verified the missing jumpers.
- Illinois Power repeats all performance tests which GE performed at the factory on the NSPS panels and therefore, this problem would have been discovered by Illinois Power during checkout and testing.

Our evaluation of this reportable defect is available for your review at our offices. I trust that this letter provides sufficient information for your review and analysis of the problem.

Sincerely,



W.C. Gerstner  
Executive Vice President

cc: H.H. Livermore, USNRC Resident Inspector

Director of Inspection and Enforcement - 3 copies  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Illinois Department of Nuclear Safety  
Director-Quality Assurance