

ILLINOIS POWER COMPANY



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

June 13, 1984

Docket No. 50-461

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: Clinton Power Station Unit 1
HPCS Diesel Generator Qualification Testing

Dear Mr. Schwencer:

As a result of the April 27, 1984 meeting in Bethesda, MD on this issue, we agree that the 99% reliability of the HPCS diesel generator will be demonstrated for the Clinton equipment in satisfaction of the requirements of Regulatory Guide 1.108 and the intent of NEDO 10905.

As agreed upon, the following combination of tests will be performed:

- ° 8 full loop tests to demonstrate the step loading capability of the HPCS diesel generator and the performance of the HPCS pump motor. (Applicable test data will also be supplied by June 30, 1984 to substantiate the HPCS diesel generator reliability as demonstrated by prior testing).
- ° 61 additional HPCS diesel generator tests loaded to the grid at close to the HPCS pump motor load to demonstrate steady-state performance.

Please contact us if you have any questions regarding the above test plan.

Sincerely yours,

Daniel I. Herborn
Director - Nuclear Licensing
and Configuration
Nuclear Station Engineering

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cc: B. L. Siegel, NRC Clinton Licensing Project Manager
J. Lazevnick, NRC PSB
J. E. Knight, NRC PSB
NRC Resident Office
Illinois Department of Nuclear Safety

Boo!
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