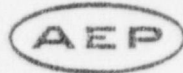


AMERICAN ELECTRIC POWER Service Corporation



2 Broadway, New York, N. Y. 10004
(212) 422-4800

October 2, 1978
AEP:NRC:00084

JOHN E. DOLAN
Senior Executive Vice President
Engineering

Donald C. Cook Nuclear Plant Unit No. 2
Startup Test Report
Docket No. 50-316
License No. DPR-74

Mr. J. G. Keppler, Regional Director
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Mr. Keppler:

In compliance with the requirements set forth in Regulatory Guides 1.16 and 10.1 and in sections 6.9.1.1 through 6.9.1.3 of the Technical Specifications, we are sending you two (2) copies of our Startup Test Report for the Donald C. Cook Nuclear Plant Unit 2 dated September 19, 1978.

The turbine and generator trips from 100% power have not been performed. We have held conversations with members of the NRC staff and we agree to submit an FSAR amendment revising the requirement to follow Regulatory Guide 1.68 Revision 0. In such amendment we will reference Sections 5.(1.1) and 5.(n.n) of Revision 1 of the same guide, which allow us to combine the turbine trip from 100% power test with the 100% load rejection test. Once performed, the results of the latter test will be transmitted to you.

Twenty-five (25) copies of this report are being sent to Mr. John G. Davis, Acting Director, Office of Inspection and Enforcement. Two (2) copies are being sent to Mr. W. G. McDonald, Director, Office of Management and Program Analysis. Thirty (30) copies are also being sent to Ms. M. M. Mlynyczak, Project Manager for the Donald C. Cook Nuclear Plant Unit No. 1 and 2,

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Mr. J. G. Keppler, Regional Director

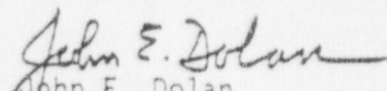
-2-

AEP:NRC:00084

Division of Operating Reactors.

Very truly yours,

JED:em


John E. Dolan
Senior Executive Vice President
Engineering

cc: John G. Davis, Acting Director, I.E. (25)
W. G. McDonald, Director, M.P.A (2)
M. M. Mlynczak (30)
G. Charnoff (1)
R. C. Callen (1)
R. J. Vollen (1)
P. W. Steketee (1)
R. Walsh (1)
R. W. Jurgensen w/att
D. V. Shaller-Bridgman (1)