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John G. Cook  
Vice President

U-602358  
L30-94(10-26)LP  
8G.120  
JGC-314-94  
October 26, 1994

Docket No. 50-461

Document Control Desk  
Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Illinois Power's (IP's) Response to Generic Letter (GL) 94-02,  
"Long-Term Solutions and Upgrade of Interim Operating  
Recommendations for Thermal-Hydraulic Instabilities in  
Boiling Water Reactors." Status of Actions 1.a. and 1.b.

Dear Sir:

The purpose of this letter is to provide the Nuclear Regulatory Commission (NRC) the completion status for requested actions 1.a. and 1.b., regarding the review and modification of current procedures and training programs regarding thermal hydraulic instabilities in boiling water reactors. Listed below are the actions requested by the NRC and IP's acknowledgment of completing actions 1.a. and 1.b. committed to in Letter U-602337, dated September 2, 1994.

The NRC requested for action 1.a. that licensees ensure that procedural requirements exist for initiation of a manual scram under all operating conditions when all recirculation pumps trip with the reactor in the RUN mode.

#### IP Response

Operating and off-normal procedures have been revised adding cautions and guidance regarding thermal hydraulic instability. In addition, Clinton Power Station (CPS) procedures dictate that the natural circulation mode (no recirculation pumps operating) is not permitted when the mode switch is in RUN and therefore would require a reactor shutdown.

The NRC requested for action 1.b. that licensees ensure that factors important to core stability characteristics are controlled within appropriate limits.

#### IP Response

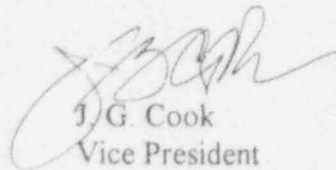
Operations personnel have been trained on factors important to core stability characteristics and controlling them within appropriate limits.

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Records of procedures revised and training conducted are maintained on site for your review as needed.

Attachment 1 provides an affidavit supporting the facts set forth in this letter and its attachments.

Sincerely yours,



J. G. Cook  
Vice President

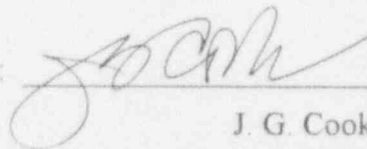
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cc: NRC Clinton Licensing Project Manager  
NRC Resident Office, V-690  
Regional Administrator, Region III, USNRC  
Illinois Department of Nuclear Safety

J. G. Cook, being first duly sworn, deposes and says: That he is Vice President of the Nuclear Program at Illinois Power (IP), Clinton Power Station (CPS); that this letter supplying Generic Letter 94-02 information to the NRC has been prepared under his supervision and direction; that he knows the contents thereof, and that to the best of his knowledge and belief said letter and the facts contained therein are true and correct.

Date: This 26<sup>th</sup> day of October 1994.

Signed: \_\_\_\_\_

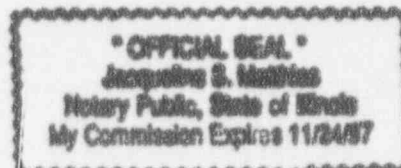


J. G. Cook

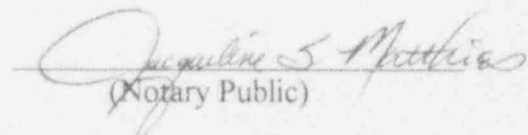
STATE OF ILLINOIS

} SS.

Cowlitz COUNTY



Subscribed and sworn to before me this 26<sup>th</sup> day of October 1994.

  
(Notary Public)