

July 24, 1985

Docket Nos: 50-369, 50-370
and 50-413, 50-414

Mr. H. B. Tucker, Vice President
Nuclear Production Department
Duke Power Company
422 South Church Street
Charlotte, North Carolina 28242

Dear Mr. Tucker:

Subject: Request for Additional Information Regarding Probability
of UHI Isolation Failure: McGuire and Catawba Nuclear
Stations, Units 1 and 2

In view of operating experience of nuclear plants with Upper Head Injection (UHI) systems, the NRC staff is conducting a generic review to assess the likelihood of loss of UHI auto-isolation capability, due to both human and equipment related common mode failures. Additional information for Duke Power Company's plants with UHI systems is needed to support this generic assessment. Specifically, for each of the McGuire and Catawba units, we request that you provide information as to the demand and failure frequencies of the isolation function such as acquired from test and maintenance activities (i.e., provide the demand and failure frequencies relating to challenges to the electrical and mechanical components of the UHI System upon actuation of isolation signals and identify the associated cause for each failure).

Our goal is to complete this assessment in late 1985. Your reply within 30 days of this letter would be consistent with our target completion date and is requested. Contact our Project Manager if you have questions regarding this request.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

George Knighton

Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

cc: See next page

DL:LB #4
DHood/hmc
7/18/85

DL:LB #4
KJabbour
7/18/85

LA:DL:LB #4
MDuncan
7/18/85

DL:LB #4
EAdensam
7/18/85

AG:DL
TNovak
7/14/85

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PDR ADOCK 05000369
P PDR

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Catawba Nuclear Station

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McGuire Nuclear Station

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