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ACCESSION NBR: 8412110239 DOC. DATE: 84/12/05 NOTARIZED: NO DOCKET #
 FACIL: 50-331 Duane Arnold Energy Center, Iowa Electric Light & Pow 05000331
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 MCGAUGHY, R.W. Iowa Electric Light & Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H. Office of Nuclear Reactor Regulation, Director

SUBJECT: Provides plans to implement reactor vessel water level improvements, as requested by Generic Ltr 84-23, Rept describing mods & schedule will be provided by 850503.

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Iowa Electric Light and Power Company

December 5, 1984
NG-84-5403

Mr. Harold Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
Generic Letter 84-23, Reactor Vessel Water
Level Instrumentation in BWR's
File: A-107d

Dear Mr. Denton:

This letter provides our plans to implement reactor vessel water level improvements as requested by Generic Letter 84-23. We have been following this issue closely through the BWR Owner's Group and have been awaiting NRC guidance prior to commencing any work on this issue. Generic Letter 84-23, although very general in nature, provides this guidance.

We agree that permanent physical improvements should be made to the reactor vessel water level instrumentation, and we have begun investigating options for reducing level indication errors caused by high drywell temperature. At this time it is not clear which specific approach will be taken. Coincident with this investigation, we have begun evaluating our plant experience relating to mechanical level indication equipment to determine if the installation of analog level transmitters is warranted.

Once we have determined the type and scope of modifications, we will factor these modifications into our Integrated Plan data base to determine when they can be installed. We intend to provide the NRC a report describing our modifications and schedule by May 3, 1985. This date is coincident with our next semi-annual update of our Integrated Plan schedules and should allow us enough time to perform the evaluations described above.

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Mr. Harold Denton
December 5, 1984
NG-84-5403
Page Two

Should you have any questions regarding this response, please contact me.

Very truly yours,



Philip Dillard
FUR

Richard W. McGaughy
Manager, Nuclear Division

RWM/SR/cg*

cc: S. Reith
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NRC Resident Office
Commitment Control No. 84-0317