

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8608220005 DOC. DATE: 86/08/15 NOTARIZED: NO DOCKET #
 FACIL: 50-331 Duane Arnold Energy Center, Iowa Electric Light & Pow 05000331
 AUTH. NAME AUTHDR AFFILIATION
 MCGAUGHY, R. W. Illinois Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H. Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Advises that vertical drop of cold ref leg within drywell
 will be minimized by installation of new drywell
 penetrations & rerouting of cold ref leg outside
 containment in Fall 1988, per Generic Ltr 84-23.

DISTRIBUTION CODE: A003D COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2
 TITLE: OR/Licensing Submittal: Suppl 1 to NUREG-0737(Generic Ltr 82-33)

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL		RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	BWR ADTS	1		BWR EB	1
	BWR EICSB	2		BWR FOB	1
	BWR PD2 LA	1		BWR PD2 PD	7
	THADANI, M	1		BWR PSB	1
	BWR RSB	1			
INTERNAL:	ADM/LFMB	1		IE/DEPER/EPB	3
	NRR BWR ADTS	1		NRR PAULSON, W	1
	NRR PWR-B ADTS	1		NRR/DSRO EMRIT	1
	NRR/DSRO/EIB	1		NRR/DSRO/RSIB	1
	REG FILES	1		RGN3	1
EXTERNAL:	LPDR	1		NRC PDR	1
	NSIC	1			

Iowa Electric Light and Power Company

August 15, 1986
NG-86-2734

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
Final Plans and Schedules for Improvements to
the Reactor Water Level Instrumentation per
NRC Generic Letter 84-23
Reference: 1) Letter, R. McGaughy to H. Denton, "Plans
and Schedules for Implementation of Plant
Instrumentation Upgrades for Regulatory
Guide 1.97 and Generic Letter 84-23,"
NG-85-4481, October 16, 1985
2) Letter, R. McGaughy to H. Denton,
"Regulatory Guide 1.97," NG-85-2423,
July 3, 1985
File: A-101b, A-107d

Dear Mr. Denton:

We stated in our Reference 1 letter that we were investigating several alternatives to address the reference leg flashing concern raised in Generic Letter 84-23 (Reactor Vessel Water Level Instrumentation in BWRs). We have completed our evaluation of these alternatives and have chosen to minimize the vertical drop of the cold reference leg within the drywell. This will be accomplished by installing new drywell penetrations and rerouting the cold reference leg outside the primary containment. The resulting vertical drop will be less than 2 feet inside the drywell. In addition, the reference leg will be rerouted such that the resulting range in water level indication will be as stated in our Regulatory Guide 1.97 submittal (Reference 2). This submittal took specific exception to the water level range stated in Regulatory Guide 1.97.

In Reference 1, we stated that we intended to implement these modifications during the Cycle 9/10 Refueling Outage, scheduled for the fall of 1988. We currently expect to meet this date. We will keep you informed of our progress in accordance with the Integrated Plan for the DAEC.

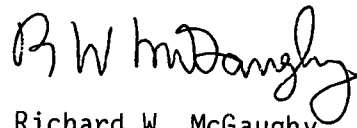
8608220005 860815
PDR ADDCK 05000331
P PDR

A003
110

Mr. Harold Denton
August 15, 1986
NG-86-2734
Page Two

Please contact this office if you require further information regarding this matter.

Very truly yours,

A handwritten signature in dark ink, appearing to read "R W McGaughy". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Richard W. McGaughy
Manager, Nuclear Division

RWM/RAB/ta*

cc: R. Browning
L. Liu
L. Root
M. Thadani
NRC Resident Office