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 MCGAUGHY, R. W. Iowa Electric Light & Power Co.
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 DAVIS, A. B. Region 3, Office of Director

SUBJECT: Documents results of visual insp of core spray spargers conducted during refueling outage, per IE Bulletin 80-13. Insp & videotape results demonstrate no visual indication of sparger sys cracking or structural failure.

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Iowa Electric Light and Power Company

May 28, 1987
NG-87-1797

Mr. A. Bert Davis
Regional Administrator
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
Core Spray Sparger Inspection Results

Reference: 1) IE Bulletin 80-13 dated May 12, 1980
2) NRC Inspection Report 50-331/87006 (DRP)
dated April 7, 1987

File: A-107a, A-286a

Dear Mr. Davis:

Inspection and Enforcement Bulletin 80-13 requires that BWR licensees perform, until further notice, a visual inspection of the core spray spargers during each refueling outage. This letter documents the results of that inspection.

The core spray spargers, header, riser and piping between the inlet nozzle and vessel shroud were visually inspected with a remote-actuated underwater closed circuit television camera (CCTV) by a certified Level II examiner. Iowa Electric Inspection procedure, IP-223, Revision 0, "Visual Inspection of Core Spray Spargers" was used for inspection and acceptance criteria. Inspection and videotape results demonstrate there are no visual indications of core spray sparger system cracking or structural failure. The inspection report and videotapes of the inspection are on file at the Duane Arnold Energy Center.

The core spray sparger weep holes were also visually examined for possible blockage as a result of the occurrence described in Reference 2, Item 8. No external blockage was found during the inspection.

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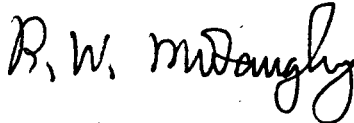
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The inspection of the weep holes was not documented on videotape as the inspection was beyond the scope and intent of the core spray sparger inspection procedure.

We plan to repeat the inspection required by IE Bulletin 80-13 during the next refueling outage (Cycle 10) unless notified otherwise.

Very truly yours,



Richard W. McGaughy
Vice-President, Production

RWM/MSG/gj

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