

Iowa Electric Light and Power Company

May 9, 1983
NG-83-1527

LARRY D. ROOT
ASSISTANT VICE PRESIDENT
NUCLEAR GENERATION

Mr. James G. Keppler
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: D/R-49
Core Spray Sparger Inspection Results

Dear Mr. Keppler:

By our letter LDR-81-183 (May 19, 1981) Iowa Electric Light and Power Company submitted the results of the visual inspection of the core spray sparger conducted during the 1981 refueling outage. Visual inspection, conducted pursuant to IE Bulletin 80-13, was repeated last month during the 1983 refueling outage. In accordance with our commitment in LDR-81-183, this letter documents the results of this inspection.

The visual inspection was conducted of the core spray spargers and the piping between the inlet nozzle and vessel shroud with a remote actuated TV camera. This equipment's resolution capability, in accordance with your criteria, was verified using a one mil wire. Inspection and video tape results demonstrate that there are no reportable indications of cracking or structural failure.

Consistent with our prior commitment, we plan to repeat this inspection again during the next (Cycle 8) refueling outage. Inspection results will be reported within 30 days from startup from the Cycle 8 outage.

Very truly yours,

Larry D. Root

Larry D. Root
Assistant Vice President
Nuclear Generation

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