

October 28, 2002

Mark A. Peifer  
Site Vice President  
Duane Arnold Energy Center  
Nuclear Management Company, LLC  
3277 DAEC Road  
Palo, IA 52324-0351

SUBJECT: DUANE ARNOLD ENERGY CENTER - CORRECTION TO ISSUANCE OF  
AMENDMENT (TAC NO. MB4269)

Dear Mr. Peifer:

On October 2, 2002, the U. S. Nuclear Regulatory Commission issued Amendment No. 248 to Facility Operating License No. DPR-49 for the Duane Arnold Energy Center. The amendment changed Technical Specification (TS) Section 5.0 to be consistent with TS Task Force Change No. 258, Revision 4.

We are reissuing a corrected copy of TS Pages 5.0-10 and 5.0-24. A revision bar is missing from 5.5.4.j on Page 5.0-10 where the words "beyond the site boundary" were added, and on Page 5.0-24 Section 5.7.d.1 the word should be "reached" versus "reach."

Sincerely,

***/RA/***

Darl S. Hood, Senior Project Manager  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-331

Enclosures: As stated

cc w/encls: see next page

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<b>DATE</b>	<b>10/28/02</b>	<b>10/28/02</b>	<b>10/28/02</b>

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Duane Arnold Energy Center

cc:

Mr. Al Gutterman  
Morgan, Lewis & Bockius LLP  
111 Pennsylvania Avenue NW  
Washington, DC 20004

Chairman, Linn County  
Board of Supervisors  
Cedar Rapids, IA 52406

Plant Manager, Nuclear  
Duane Arnold Energy Center  
Nuclear Management Company, LLC  
3277 DAEC Road  
Palo, IA 52324

U.S. Nuclear Regulatory Commission  
Resident Inspector's Office  
Rural Route #1  
Palo, IA 52324

Regional Administrator  
U.S. NRC, Region III  
801 Warrenville Road  
Lisle, IL 60532-4351

Daniel McGhee  
Utilities Division  
Iowa Department of Commerce  
Lucas Office Building, 5th floor  
Des Moines, IA 50319

Mr. Roy A. Anderson  
Executive Vice President and  
Chief Nuclear Officer  
Nuclear Management Company, LLC  
700 First Street  
Hudson, WI 54016

Nuclear Asset Manager  
Alliant Energy/IES Utilities, Inc.  
3277 DAEC Road  
Palo, IA 52324

5.5 Programs and Manuals

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5.5.4 Radioactive Effluent Controls Program (continued)

- g. Limitations on the dose rate resulting from radioactive material released in gaseous effluents from the site to areas at or beyond the site boundary shall be limited to the following:
  - 1. For noble gases: less than or equal to a dose rate of 500 mrem/yr to the whole body and less than or equal to a dose rate of 3000 mrem/yr to the skin, and
  - 2. For Iodine-131, iodine-133, tritium, and for all radionuclides in particulate form with half lives > 8 days: less than or equal to a dose rate of 1500 mrem/yr to any organ;
- h. Limitations on the annual and quarterly air doses resulting from noble gases released in gaseous effluents to areas beyond the site boundary, conforming to 10 CFR 50, Appendix I;
- i. Limitations on the annual and quarterly doses to a member of the public from iodine-131, iodine-133, tritium, and all radionuclides in particulate form with half lives > 8 days in gaseous effluents released to areas beyond the site boundary, conforming to 10 CFR 50, Appendix I; and
- j. Limitations on the annual dose or dose commitment to any member of the public, beyond the site boundary, due to releases of radioactivity and to radiation from uranium fuel cycle sources, conforming to 40 CFR 190.

The provisions of SR 3.0.2 and SR 3.0.3 are applicable to the Radioactive Effluent Controls Program surveillance frequency.

5.5.5 Component Cyclic or Transient Limit

This program provides controls to track the UFSAR Section 5.3.3, cyclic and transient occurrences to ensure that components are maintained within the design limits.

5.7 High Radiation Area (continued)

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- b. Access to, and activities in, each area shall be controlled by means of an RWP or equivalent that includes specification of radiation dose rates in the immediate work area(s) and other appropriate radiation protection equipment and measures.
- c. Individuals qualified in radiation protection procedures may be exempted from the requirement for an RWP or equivalent while performing radiation surveys in such areas provided that they are otherwise following plant radiation protection procedures for entry to, exit from, and work in such areas.
- d. Each individual or group entering such an area shall possess:
  - 1. A radiation monitoring device that continuously integrates the radiation rates in the area and alarms when the device's dose alarm setpoint is reached with an appropriate alarm setpoint, or
  - 2. A radiation monitoring device that continuously transmits dose rate and cumulative dose information to a remote receiver monitored by radiation protection personnel responsible for controlling personnel radiation exposure within the area with the means to communicate with and control every individual in the area, or
  - 3. A self-reading dosimeter (e.g., pocket ionization chamber or electronic dosimeter) and,
    - (i) Be under the surveillance, as specified in the RWP or equivalent, while in the area, of an individual qualified in radiation protection procedures, equipped with a radiation monitoring device that continuously displays radiation dose rates in the area; who is responsible for controlling personnel exposure within the area, or
    - (ii) Be under the surveillance as specified in the RWP or equivalent, while in the area, by means of closed circuit television, of personnel qualified in radiation protection procedures, responsible for controlling personnel radiation exposure in the area, and with the means to communicate with and control every individual in the area.

(continued)