



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

IOWA ELECTRIC LIGHT AND POWER COMPANY
CENTRAL IOWA POWER COOPERATIVE
CORN BELT POWER COOPERATIVE

DOCKET NO. 50-331

DUANE ARNOLD ENERGY CENTER

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 87
License No. DPR-49

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Iowa Electric Light & Power Company, et al, dated March 2, 1983 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C.(2) of Facility Operating License No. DPR-49 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 87, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

[Signature]
Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: April 18, 1983

ATTACHMENT TO LICENSE AMENDMENT NO. 87

FACILITY OPERATING LICENSE NO. DPR-49

DOCKET NO. 50-331

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change.

List of Affected Pages

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TABLE 4.6-3

SAFETY RELATED SNUBBERS ACCESSIBLE DURING NORMAL OPERATION

<u>Identification No.</u>	<u>System</u>	<u>Location</u>
GBC-1-SS-56	RHR Service Water	Reactor
GBC-1-SS-57	RHR Service Water	Reactor
GBC-2-SS-62	RHR Service Water	Reactor
HCC-8-SS-11	Core Spray Pump Suction	Reactor
HCC-8-SS-12	Core Spray Pump Suction	Reactor
EBB-16-SS-231	RHR	Reactor
EBB-16-SS-232(2 ea.)*	RHR	Reactor
EBB-16-SS-233	RHR	Reactor
EBB-16-SS-234(2 ea.)*	RHR	Reactor
GBB-3-SS-235	RHR	Reactor
GBB-3-SS-236	RHR	Reactor
GBB-3-SS-237	RHR	Reactor
GBB-3-SS-238	RHR	Reactor
GLE-8-SS-239	RHR	Reactor
GLE-8-SS-240	RHR	Reactor
GBB-10-SS-241	RHR	Reactor
GBB-10-SS-242(2 ea.)*	RHR	Reactor
GBB-10-SS-243	RHR	Reactor
GBB-4-SS-210	RHR	Reactor
GBB-4-SS-211	RHR	Reactor
GBB-4-SS-212	RHR	Reactor
GBB-4-SS-213	RHR	Reactor
GBB-16-SS-214	RHR	Reactor
GBB-5-SS-215	RHR	Reactor
GBB-4-SS-216A	RHR	Reactor
GBB-4-SS-216B	RHR	Reactor
GBB-4-SS-217(2 ea.)*	RHR	Reactor
HBB-21-SS-218(2 ea.)*	RHR	Reactor
HBB-23-SS-219	RHR	Reactor
HBB-23-SS-220	RHR	Reactor
HBB-24-SS-221	RHR	Reactor
HBB-24-SS-222	RHR	Reactor
GBB-7-SS-223	RHR	Reactor
GBB-7-SS-224	RHR	Reactor
GBB-6-SS-225	RHR	Reactor
GBB-6-SS-226	RHR	Reactor
GBB-15-3-SS319	RHR Pump Discharge	Reactor
HBB-24-SS-227(2 ea.)*	RHR	Reactor
HBB-24-SS-228(2 ea.)*	RHR	Reactor
HBB-24-SS-229	RHR	Reactor
HBB-29-SS-199	RHR	Reactor
HBB-30-SS-205	RHR	Reactor
HBB-30-SS-206	RHR	Reactor
HBB-30-SS-245	RHR	Reactor

*(2 ea.) - Indicates there are 2 snubbers with that number.

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TABLE 4.6-3 (continued)

<u>Identification No.</u>	<u>System</u>	<u>Location</u>
DCB-2-SS-78	RWCU	Reactor
EBB-14-SS-13	HPCI Steam Supply	Reactor
EBB-14-SS-14	HPCI Steam Supply	Reactor
EBB-14-SS-15	HPCI Steam Supply	Reactor
EBB-14-SS-16	HPCI Steam Supply	Reactor
EBB-14-SS-16A	HPCI Steam Supply	Reactor
G8D-29-SS-12	Aux. Boiler Stm. to HPCI	Reactor
GBB-13-SS-16	Core Spray	Reactor
GBB-14-SS-20	Core Spray	Reactor
GLE-6-SS-303	Core Spray	Reactor
GLE-6-SS-304	Core Spray	Reactor
HBB-1-SS-9	RHR	Reactor
HBB-1-SS-10	RHR	Reactor
HBB-2-SS-7	Core Spray	Reactor
HBB-2-SS-8	Core Spray	Reactor
HBB-2-SS-300 **	Core Spray Pump Suction	Reactor
HBB-6-SS-20	HPCI Turbine Exhaust	Reactor
HBB-6-SS-22	HPCI Turbine Exhaust	Reactor
HBB-7-SS-17	RCIC Turbine Exhaust	Reactor
HBB-7-SS-18	RCIC Turbine Exhaust	Reactor
HBB-7-SS-19(2 ea.)*	RCIC Turbine Exhaust	Reactor
HBB-7-SS-307	RCIC Turbine Exhaust	Reactor
HBB-7-SS-308	RCIC Turbine Exhaust	Reactor
HBB-14-SS-315 **	RCIC Pump Suction	Reactor
HBB-14-SS-316 **	RCIC Pump Suction	Reactor
HBB-14-SS-317 **	RCIC Pump Suction	Reactor
HBB-14-SS-318 **	RCIC Pump Suction	Reactor
HBB-25-SS-178	Fuel Pool to RHR	Reactor
HBD-31-SS-71	Emergency Service Water	Reactor
HBD-31-SS-101	Emergency Service Water	Reactor
HLE-11-SS-305	Core Spray	Reactor
HLE-11-SS-306	Core Spray	Reactor
HLE-12-SS-310	Core Spray	Reactor
HLE-12-SS-311	Core Spray	Reactor
HLE-12-SS-312	Core Spray	Reactor
HLE-13-SS-309	Core Spray	Reactor
HLE-15-SS-313	Core Spray	Reactor
HLE-15-SS-314	Core Spray	Reactor
HLE-16-SS-301	Core Spray	Reactor
HLE-16-SS-302	Core Spray	Reactor

*(2 ea.) - Indicates there are 2 snubbers with that number.

** will be added by July 1, 1983

Modifications to this Table due to changes in high radiation areas should be submitted to the NRC as part of the next license amendment.

TABLE 4.6-4

SAFETY RELATED SNUBBERS INACCESSIBLE DURING NORMAL OPERATION

<u>Identification No.</u>	<u>System</u>	<u>Location</u>
DLA-5-SS-10	RHR	Drywell
DLA-5-SS-11	RHR	Drywell
DLA-6-SS-12	RHR	Drywell
DLA-6-SS-13	RHR	Drywell
DLA-4-SS-14	RHR	Drywell
DLA-4-SS-15	RHR	Drywell
DBA-4-SS-35	RCIC	Drywell
DBA-4-SS-36	RCIC	Drywell
DLA-3-SS-1	HPCI Steam Supply	Drywell
DLA-3-SS-2	HPCI Steam Supply	Drywell
DLA-3-SS-3	HPCI Steam Supply	Drywell
DBA-6-SS-29	CRD	Drywell
DBA-6-SS-30	CRD	Drywell
DCA-6-SS-48	RWCU	Drywell
DCA-6-SS-49	RWCU	Drywell
DCA-6-SS-50	RWCU	Drywell
DBA-4-SS-34	RCIC Steam Supply	Drywell
DBA-5-SS-31	Head Spray	Drywell
DBA-5-SS-37	Head Spray	Drywell
DBA-5-SS-38	Head Spray	Drywell
DBA-5-SS-47	Head Spray	Drywell
DLA-2-SS-4	Feedwater	Drywell
DLA-2-SS-5	Feedwater	Drywell
DLA-2-SS-6	Feedwater	Drywell
DLA-2-SS-7	Feedwater	Drywell
DLA-2-SS-8	Feedwater	Drywell
DLA-2-SS-9 -	Feedwater	Drywell
DBA-7-SS-71	RCIC to FW Line	Steam Tunnel
DCA-14-SS-72	RWCU to FW Line	Steam Tunnel
GBC-6-SS-17	Main Steam Relief	Drywell
GBC-6-SS-250	Main Steam Relief	Drywell
GBC-6-SS-251	Main Steam Relief	Drywell
GBC-6-SS-252	Main Steam Relief	Drywell
GBC-6-SS-253	Main Steam Relief	Drywell
GBC-6-SS-254	Main Steam Relief	Drywell
GBC-7-SS-263	Main Steam Relief	Drywell
GBC-7-SS-264	Main Steam Relief	Drywell
GBC-7-SS-265	Main Steam Relief	Drywell
GBC-7-SS-266 (2 ea.)*	Main Steam Relief	Drywell
GBC-7-SS-267	Main Steam Relief	Drywell
GBC-7-SS-268	Main Steam Relief	Drywell
GBC-8-SS-21	Main Steam Relief	Drywell
GBC-8-SS-259	Main Steam Relief	Drywell
GBC-8-SS-260 (2 ea.)*	Main Steam Relief	Drywell
GBC-8-SS-261	Main Steam Relief	Drywell
GBC-8-SS-262	Main Steam Relief	Drywell
GBC-8-SS-277	Main Steam Relief	Drywell
GBC-9-SS-278	Main Steam Relief	Drywell

*(2 ea.) - Indicates there are 2 snubbers with that number.

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TABLE 4.6-4 (continued)

<u>Identification No.</u>	<u>System</u>	<u>Location</u>
GBC-8-SS-45	Main Steam Relief	Drywell
GBC-9-SS-23	Main Steam Relief	Drywell
GBC-9-SS-41	Main Steam Relief	Drywell
GBC-9-SS-271	Main Steam Relief	Drywell
GBC-9-SS-272	Main Steam Relief	Drywell
GBC-9-SS-273 (2 ea)*	Main Steam Relief	Drywell
GBC-9-SS-274	Main Steam Relief	Drywell
GBC-9-SS-275	Main Steam Relief	Drywell
GBC-10-SS-24	Main Steam Relief	Drywell
GBC-10-SS-25	Main Steam Relief	Drywell
GBC-10-SS-269	Main Steam Relief	Drywell
GBC-10-SS-270 (2 ea)*	Main Steam Relief	Drywell
GBC-10-SS-276	Main Steam Relief	Drywell
GBC-11-SS-26	Main Steam Relief	Drywell
GBC-11-SS-27	Main Steam Relief	Drywell
GBC-11-SS-32	Main Steam Relief	Drywell
GBC-11-SS-255	Main Steam Relief	Drywell
GBC-11-SS-256	Main Steam Relief	Drywell
GBC-11-SS-257	Main Steam Relief	Drywell
GBC-11-SS-258 (2 ea)*	Main Steam Relief	Drywell
SSB-1-MS	Main Steam	Drywell
SSB-2-MS	Main Steam	Drywell
SSC-1-MS	Main Steam	Drywell
SSC-2-MS	Main Steam	Drywell
SSA-1-MS	Main Steam	Drywell
SSA-2-MS	Main Steam	Drywell
SSD-1-MS	Main Steam	Drywell
SSD-2-MS	Main Steam	Drywell
SSA-1	Recirc	Drywell
SSB-1	Recirc	Drywell
SSA-2	Recirc	Drywell
SSB-2	Recirc	Drywell
SSA-3	Recirc	Drywell
SSB-3	Recirc	Drywell
SSA-4	Recirc	Drywell
SSE-4	Recirc	Drywell
SSA-5	Recirc	Drywell
SSB-5	Recirc	Drywell
SSA-6	Recirc	Drywell
SSB-6	Recirc	Drywell

*(2 ea.) - Indicates there are 2 snubbers with that number.

TABLE 4.6-4 (continued)

<u>Identification No.</u>	<u>System</u>	<u>Location</u>
SSA-7	Recirc	Drywell
SSB-7	Recirc	Drywell
SSA-8	Recirc	Drywell
SSB-8	Recirc	Drywell
SSA-9	Recirc	Drywell
SSB-9	Recirc	Drywell
SSA-10 (2 ea)*	Recirc	Drywell
SSB-10 (2 ea)*	Recirc	Drywell
SSA-11	Recirc	Drywell
SSB-11	Recirc	Drywell
DBA-3-SS-1	MSIV Leakage Control	Steam Tunnel
DBA-4-SS-1	MSIV Leakage Control	Steam Tunnel
DBA-4-SS-2	MSIV Leakage Control	Steam Tunnel
DBB-1-SS-1	MSIV Leakage Control	Steam Tunnel
DBB-2-SS-1	MSIV Leakage Control	Steam Tunnel
DBB-4-SS-1	MSIV Leakage Control	Steam Tunnel
1	Recirc Sample	Drywell
2	Temp Equal Column "B"	Drywell
3	Temp Equal Column "B"	Drywell
4	Reactor Water Level	Drywell
5	Main Steam	Drywell
6	Main Steam	Drywell
7	Recirc	Drywell
8	Recirc	Drywell
9	Recirc	Drywell
10	RCIC	Drywell
11	RCIC	Drywell
12	RCIC	Drywell
14	Recirc	Drywell
15	Recirc	Drywell
16	Recirc	Drywell
17	Recirc	Drywell
18	Recirc	Drywell
19	Recirc	Drywell
20	Temp Equal Column "A"	Drywell
21	Temp Equal Column "A"	Drywell
22	RCIC	Drywell
1A	Main Steam	Drywell
2A	Main Steam	Drywell
3A	Main Steam	Drywell

*(2 ea) - Indicates there are 2 snubbers with that number

TABLE 4.6-4 (continued)

<u>Identification No.</u>	<u>System</u>	<u>Location</u>
4A	Main Steam	Drywell
5A	Recirc	Drywell
6A	Recirc	Drywell
7A	Recirc	Drywell
8A	Recirc	Drywell
9A	Recirc	Drywell
10A	Recirc	Drywell
11A	Recirc	Drywell
12A	Recirc	Drywell
13A	Recirc	Drywell
14A	Recirc	Drywell
15A	Main Steam	Drywell
16A	Main Steam Vent	Drywell
17A	Reactor Vessel Vent	Drywell
18A	Reactor Vessel Vent	Drywell
19A	Reactor Vessel Vent	Drywell
20A	RCIC	Drywell
1B	Reactor Vessel Vent Line	Drywell
2B	Reactor Vessel Vent Line	Drywell
5B	Recirc	Drywell
6B	RCIC	Drywell

Modifications to this Table due to changes in high radiation areas should be submitted to the NRC as part of the next license amendment.