

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

OMAHA PUBLIC POWER DISTRICT

DOCKET NO. 50-285

FORT CALHOUN STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 79 License No. DPR-40

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by the Omaha Public Power District (the licensee) dated October 3, 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.



- Accordingly, Facility Operating License No. DPR-40 is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B. of Facility Operating License No. DPR-40 is hereby amended to read as follows:
 - B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 79, 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 its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

times Alfetter

James R. Miller, Chief Operating Reactors Branch #3 Division of Licensing

Attachment: Changes to the Technical Specifications

Date of Issuance: May 23, 1984

ATTACHMENT TO LICENSE AMENDMENT NO. 79

FACILITY OPERATING LICENSE NO. DPR-40

DOCKET NO. 50-285

Revise Appendix "A" Technical Specifications as indicated below. The revised pages are identified by amendment number and contain vertical lines indicating the area of change.

| Remove | Pages | Insert Pages |
|--------|-------|--------------|
| 2-77 | | 2-77 |
| 2-80 | | 2-80 |
| 2-81 | | 2-81 |
| 2-82 | | 2-82 |
| 2-87 | | 2-87 |
| 2-88 | | 2-88 |

| *Snubber No. | Eleva | tion | Accessible During Normal Operation | Inaccessible During Normal Operation | Located in High Radiation Areas During Shutdown | Difficult to Remove for Functional Testing |
|-------------------|-------|--|---|--|---|---|
| RCS-21 | 1032' | 0" | | x | | |
| RCS-22 RCS-23- | 1037' | 6" | | x | | |
| Bottom | 1032' | 0" | | X | | |
| RCS-25 | 1033' | 0" | | x | | |
| RCS-27 | 1052' | 9" | | x | | |
| RCS-28 | 1052' | 9" | | x | | |
| RCS-30 | 1045' | 6" | | x | | |
| RCS-30A | 1047' | 0" | | v | | |
| RCS-31 | 1052' | 0" | | v | | |
| RCS-32 | 1052' | 0" | | Y | | |
| RCS-33 | 1052' | 0" | | Y | | |
| RCS-34 | 1047' | 0" | | A V | | |
| RCS-39 | 1048' | 0" | | A V | | |
| RCS-41 | 1048' | 0" | | A V | | |
| RCS-42 | 1007' | 9" | | A V | | |
| RCS-44 | 1007' | 9" | | A V | | |
| RCS-45- | | - | | A | | |
| Top | 1009' | 6" | | v | | |
| RCS-45- | | | | A | | |
| Bottom | 1009' | 6" | | v | | |
| RCS-47- | | | | 4 | | |
| Top | 1009' | 6" | | v | | |
| RCS-47- | | | | ^ | | |
| Bottom | 1009' | 6" | | v | | |
| RCS-49 | 1009' | 6" | | A V | | |
| RCS-51 | 1007* | 9" | | A V | | |
| | | 100 million (100 m | | 44 | | |

Amendment No. 27, 79

ат Аў ₁₉₆₀ у Парала

%a, a.€.

385

ત્રી છે. કે કે ઉપર 25 કે જે કે કે કે કે ઉપર 25 કુ

300

1

2-80

| *Snubber No. | Eleva | tion | Accessible During Normal Operation | Inaccessible During Normal Operation | Located In High Radiation Areas During Shutdown | Difficult to Remove for Functional Testing |
|-----------------|-------|--------|---|--|---|---|
| RCS-52 | 1007 | 9" | | x | | |
| RCS-64 | | | | | | |
| Top | 1032' | 0" | 1.5 | X | | |
| RWS-79 | 1046' | 0" | X | | | х |
| RWS-128A | 998' | 8-1/2" | X | | | |
| RWS-128B | 998' | 8-1/2" | X | | | |
| RWS-130 | 998' | 8-1/2" | X | | | |
| RWS-131 | 998' | 8-1/2" | X | | | |
| SG-A1 | 1049' | 0" | | X | | x |
| SG-A2 | 1049' | 0" | | X | | x |
| SG-A3 | 1049' | 0" | | X | | x |
| SG-A4 | 1049' | C" | | X | | x |
| SG-B1 | 1049' | 0" | | X | | x |
| SG-B2 | 1049' | 0" | | x | | x |
| SG-B3 | 1049' | 0" | | x | | Y |
| SG-B4 | 1049' | 0" | | x | | X |
| SIS-1 | 979' | 6" | X | | | a |
| SIS-1A | 979' | 6" | х | | | |
| SIS-3 | 979' | 6" | X | | | |
| SIS-4 | 979' | 6" | x | | | |
| SIS-4A | 979' | 6" | X | | | |
| SIS-5 | 979' | 6" | x | | | |
| SIS-5A | 979' | 6" | x | | | |
| SIS-6 | 979' | 6" | x | | | |
| SIS-6A | 979' | 6" | x | | | |
| SIS-7 | 979' | 6" | x | | | |
| SIS-8 | 979' | 4" | x | | | |
| SIS-8B | 979' | 6" | x | | | |
| SIS-8C | 979' | 6" | x | | | |
| SIS-9 | 979' | 6" | x | | | |
| SIS-9A | 979' | 6" | x | | | |
| SIS-9B | 979' | 6" | x | | | |
| SIS-10 | 983' | 6" | x | | | |
| SIS-11 | 983' | 6" | x | | | |
| SIS-16 | 981' | 6" | x | | | |
| SIS-16A | 981' | 6" | x | | | |
| SIS-17 | 979' | 6" | x | | | |

Amendment No. 27, 39, 72, 79

| *Snubber No. | Eleva | ation | Accessible During Normal Operation | Inaccessible During Normal Operation | Located In High Radiation Areas During Shutdown | Difficult to Remove for Functional |
|-----------------------|-------|-------|---|--|---|--|
| STS-174 | 0.701 | | | | | restring |
| STS-18 | 979 | 0 | X | | | |
| STS-10 | 979 | 0 | X | | | |
| STS-20 | 979 | 0 | X | | | |
| STS-21 | 979 | 0 | · X | | | |
| STS-21A | 9/9 | 0 | X | | | |
| SIS-21A | 981 | 0 | Х | | | |
| STS-210 | 981 | 0. | X | | | |
| STC_22 | 981 | 0 | X | | | |
| SIS-22 STE-22 | 981 | 0 | X | | | |
| SIS-23 | 981 | 0 | Х | | | |
| STS-24 | 983 | 0 | Х | | | |
| 515-24A | 983 | 0 | X | | | |
| SIS-20 STC-27 | 9/9. | 6" | Х | | | |
| SIS-27 | 981 | 0 | Х | | | |
| 515-27A | 981 | 6 | X | | | |
| SIS=2/D | 981 | 0 | X | | | |
| 515-20 CTC-204 | 980 | 0 | X | | | |
| 515-20A | 980. | 0" | X | | | |
| 515-29 STE 20 | 980. | 0 | X | | | |
| S15-30 | 979. | 6" | X | | | |
| SIS-JUA | 979 | 6" | X | | | |
| 515-31 | 981. | 6" | X | | | |
| 515-31A | 981 | 6" | X | | | |
| 515-32 | 980' | 0" | X | | | |
| S15-32A | 980 | 0" | X | | | |
| SIS-32B | 980' | 0" | X | | | |
| SIS-33-Top | 981' | 6" | X | | | |
| SIS-33- | | | | | | |
| Bottom | 981' | 6" | X | | | v |
| SIS-34 | 980' | 0" | Х | | | * |
| SIS-35-Top SIS-35- | 980' | 0" | X | | | |
| Bottom | 980' | 0" | X | | | |
| SIS-36-Top | 974' | 6" | x | | | |

Amendment No. 27, /54/, 79

| *Snubber No. | Elevation | Accessible During Normal Operation | Inaccessible During Normal Operation | Located In High Radiation Areas During Shutdown | Difficult to Remove for Functional |
|--------------------|-------------|---|--|---|--|
| | | | operation | Structown | restring |
| SIS-162 | 1014' 6" | | Х | | |
| SIS-164 | 1014' 0" | | X | | |
| SIS-165 | 1014' 6" | | X | | |
| SIS-165A Top | 1014' 6" | | х | | |
| SIS-165A Bottom | 1014' 6" | | х | | |
| SIS-166 | 1014' 6" | | v | | |
| SIS-167 | 1014' 6" | | v | | |
| SIS-168 | 1014' 6" | | Y | | |
| SIS-168A | 1014' 6" | | x | | |
| STS-1684 | 10141 61 | | | | |
| Bottom | 1014 0 | | X | | |
| STS-169 | 10071 70 | | | | |
| STS-169A | 1007 7 | X | | | |
| STS-170 | 1007 7 | X | | | |
| STS-170A | 1007 5" | X | | | |
| STS-172 | 10321 0" | X | | | |
| STS-172 | 1036' 9" | X | | | |
| STS-17/ | 10/01 21 | А | | | |
| STS-174A | 1049 2 | | X | | |
| STS-174R | 1049 0 | | X | | |
| STS-1740 | 1051 /-1/4 | | X | | Х |
| STS-1740 | 1052 0 | | X | | Х |
| STS-1740 | 1063 /-1/4 | | X | | X |
| STS-174E | 10571 01 | | X | | Х |
| STS-1751 | 1057 0 | | X | | X |
| SIS-175A | 1050 5-1/2" | | X | | |
| STS-170B | 1052 6" | | X | | X |
| STS-170C | 1051 /-1/4" | | X | | X |
| SIS-176D | 1064 6" | | X | | X |
| S15-1/6E | 1063 7-1/4" | | X | | X |
| 515-176G | 1074 0" | | X | | X |
| 515-176H | 1074 0" | | Х | | X |

Amendment No. 27, 48, \$9,79

| *Snubber No. | Eleva | tion | Accessible During Normal Operation | Inaccessible During Normal Operation | Located In High Radiation Areas During Shutdown | Difficult to Remove for Functional Testing |
|-----------------|-------|--------|---|--|---|---|
| SIS-183 | 1055' | 9-1/2" | | x | | |
| SIS-184 | 979' | 6" | х | | | |
| SIS-185 | 979' | 6" | X | | | |
| SIS-187 | 983' | 6" | X | | | |
| SIS-188 | 988' | 6" | x | | | |
| SIS-202 | 1009' | 0" | x | | | |
| SIS-204 | 995' | 0" | x | | | |
| SIS-205 | 979' | 6" | X | | | |
| SIS-206 | 983' | 6" | X | | | |
| SIS-208 | 1003' | 1-1/8" | x | | | |
| WDS-107 | 1004' | 0" | x | | | |
| WDS-122 | | | | | | |
| Right | 991' | 6" | x | | | |
| WDS-122 | | | | | | |
| Left | 991' | 6" | x | | | |

NOTE: Modifications to this table due to changes in high radiation areas should be submitted to the NRC as part of the next licensing amendment request.

*Location

| ACS | Auxiliary Coolant System |
|-----|----------------------------|
| AFW | Auxiliary Feedwater System |
| FWS | Feedwater System |
| MSS | Main Steam System |
| RCP | Reactor Coolant Pump |
| RCS | Reactor Coolant System |
| RWS | Raw Water System |
| SG | Steam Generator |
| SIS | Safety Injection System |
| WDS | Waste Disposal System |

Amendment No. 27, 39,/72,79

| *Snubber No. | Elevation | Accessible During Normal | Inaccessible During Normal | Located In High Radiation Areas During | Difficult to Remove for Functional |
|-----------------|--------------|--------------------------------|-------------------------------|---|--|
| | | operation | operación | Shucdown | lesting |
| FWS-74 | 1053' 0" | Х | | | |
| FWS-75A | 1053' 0" | X | | | |
| EWS-78 | 1038' 4" | X | | | |
| FWS-79 | 1049' 6" | X | | | |
| FWS-80 | 1049' 6" | X | | | |
| FWS-81 | 1049' 6" | Х | | | |
| FWS-83 | 1033' 4" | Х | | | |
| FWS-86A | 999' 0" | Х | | | |
| FWS-87 | 999' 0" | X | | | |
| FWS-88 | 999' 0" | X | | | |
| FWS-88A | 999' 0" | Х | | | |
| FWS-89 | 1002' 6" | X | | | |
| FWS-90 | 1001' 6" | Х | | | |
| FWS-90A | 1005' 6-5/8" | X | | | |
| FWS-91 | 1019' 0" | Х | | | |
| FWS-92 | 1019' 0" | Х | | | |
| FWS-92A | 1026' 0" | X | | | |
| FWS-93 | 1032' 0" | X | | | |
| FWS-94 | 1032' 0" | X | | | |
| FWS-95 | 1032' 0" | X | | | |
| FWS-96 | 1032' 0" | X | | | v |
| FWS-97 | 1032' 0" | X | | | v. |
| FWS-53 | 1032' 0" | x | | | A V |
| FWS-100 | 1039' 0" | X | | | 4 |
| FWS-101 | 1039' 0" | X | | | |
| HCV-327-S | 1025' 0" | | x | | |
| HCV-329-S | 1025' 0" | | x | | |
| HCV-331-S | 1025' 0" | | x Y | | |
| HCV-333-S | 1025' 0" | | Y | | |
| MSS-1 | 1054' 7" | | v | | v |
| MSS-2 | 1054' 8-1/2" | | v. | | ., |
| MSS-3 MSS-4 | 1038' 0" | | x | | Λ |
| Top | 1038' 6" | | x | | X |