



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

NIAGARA-MOHAWK-POWER-CORPORATION

DOCKET-NO. -50-410

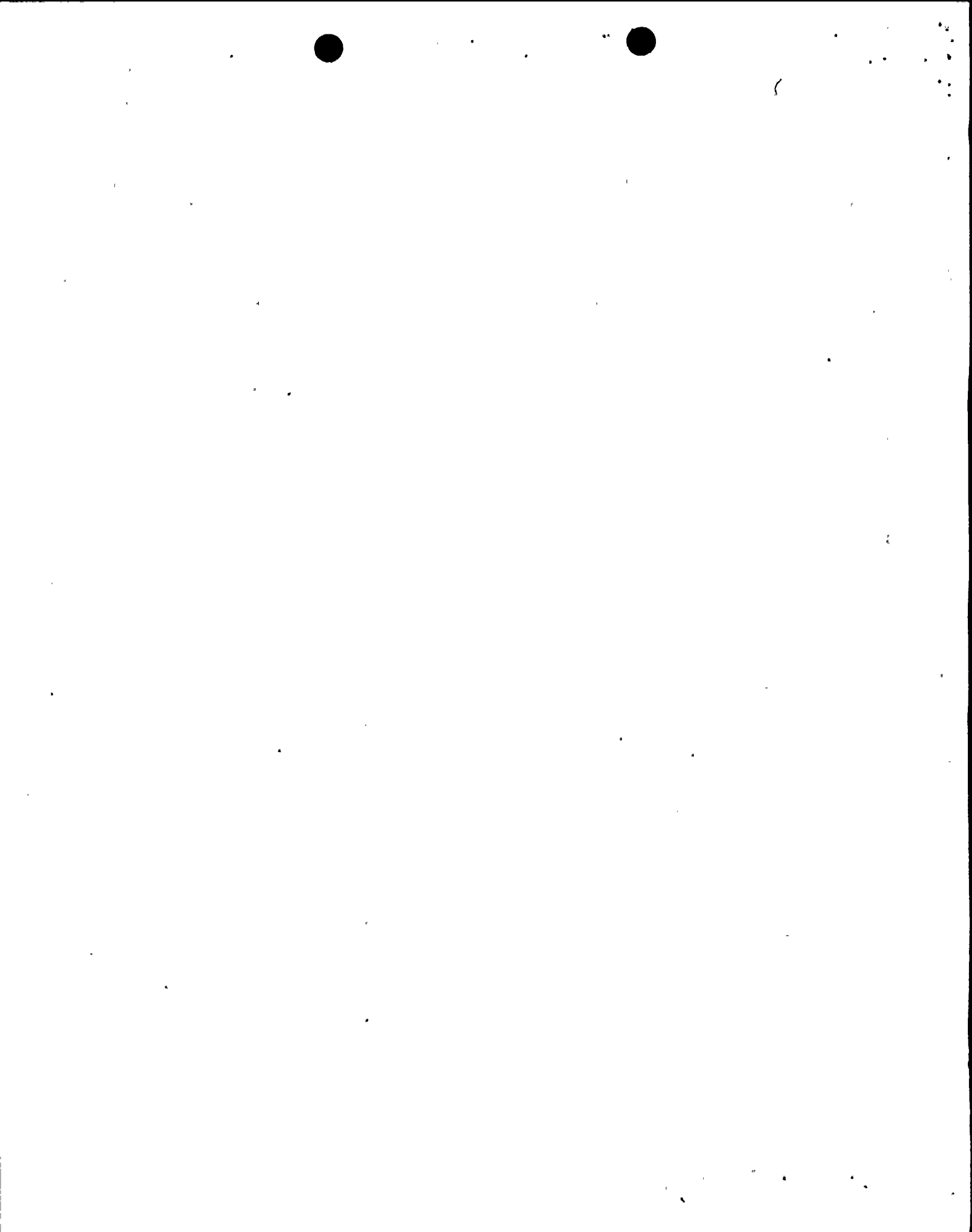
NINE-MILE-POINT-NUCLEAR-STATION, -UNIT-2

AMENDMENT-TO-FACILITY-OPERATING-LICENSE

Amendment No. 31  
License No. NPF-69

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Niagara Mohawk Power Corporation (the licensee) dated April 29, 1991, 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 1;
  - 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. NPF-69 is hereby amended to read as follows:

9105150173 910509  
PDR ADOCK 05000410  
P PDR



(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, as revised through Amendment No. 31 are hereby incorporated into this license. Niagara Mohawk Power Corporation shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of its issuance to be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

*Jose A. Calvo*

Jose A. Calvo, Assistant Director for  
Region I Reactors  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: May 9, 1991



ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 31 TO FACILITY OPERATING LICENSE NO. NPF-69

DOCKET NO. 50-410

Revise Appendix A as follows:

Remove Pages

3/4 6-13  
3/4 6-14

Insert Pages

3/4 6-13  
3/4 6-14



## CONTAINMENT SYSTEMS

### PRIMARY CONTAINMENT

#### PRIMARY CONTAINMENT PURGE SYSTEM

#### LIMITING CONDITIONS FOR OPERATION

---

---

3.6.1.7 The drywell and suppression chamber 12-inch and 14-inch purge supply and exhaust isolation valves shall be OPERABLE\*\* and:

- a. The 12-inch (2CPS\*AOV105, 2CPS\*AOV107, 2CPS\*AOV109, 2CPS\*AOV111) and 14-inch (2CPS\*AOV104, 2CPS\*AOV106, 2CPS\*AOV108, 2CPS\*AOV110) valves in the purge system supply and exhaust lines may be open for up to 90 hours per 365 days for VENTING or PURGING.\*
- b. Purge system valves 2CPS\*AOV105 (12-inch), 2CPS\*AOV107 (12-inch), 2CPS\*AOV109 (12-inch), and 2CPS\*AOV110 (14-inch) shall be blocked to limit the opening to 70°. Purge system valve 2CPS\*AOV111 (12-inch) shall be blocked to limit the opening to 60°.

APPLICABILITY: OPERATIONAL CONDITIONS 1, 2, and 3.

#### ACTION:

- a. With the drywell and suppression chamber purge supply and/or exhaust isolation valve(s) inoperable, or open for more than 90 hours per 365 days for other than pressure control\*, close the open valve(s); otherwise isolate the penetration(s) within 4 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
- b. With a drywell and suppression chamber purge supply and/or exhaust isolation valve(s) with resilient material seals having a measured leakage rate exceeding the limit of Surveillance Requirement 4.6.1.7.2, restore the inoperable valve(s) to OPERABLE status within 24 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.\*\*

---

\* The 90-hour limit shall not apply to the use of valves 2CPS\*AOV108 (14-inch) and 2CPS\*AOV110 (14-inch), or 2CPS\*AOV109 (12-inch) and 2CPS\*AOV111 (12-inch), for primary containment pressure control, provided 2GTS\*AOV101 is closed, and its 2-inch bypass line is the only flow path to the standby gas treatment system.

\*\*Operability requirements of LCO 3.6.1.7 and Action statement "b" do not apply to 2CPS\*AOV106 from April 24, 1991 until the next plant cold shutdown but not later than September 30, 1991 provided that 2CPS\*AOV104 and 2CPS\*AOV106 are closed and deactivated and 2CPS-V6 is locked closed.





## CONTAINMENT SYSTEMS

### PRIMARY CONTAINMENT

#### PRIMARY CONTAINMENT PURGE SYSTEM

### SURVEILLANCE REQUIREMENTS

---

4.6.1.7.1 At least once per refueling outage each drywell and suppression chamber purge supply and exhaust isolation valve of Specification 3.6.1.7.b shall be verified to be blocked to limit the opening to 70° or 60°, as applicable.

4.6.1.7.2 At least once per 92 days each 12- and 14-inch drywell and suppression chamber purge supply and exhaust isolation valve with resilient material seals shall be demonstrated OPERABLE by verifying that the measured leakage rate is less than or equal to 4.38 scf per hour per 14-inch valve and 3.75 scf per hour per 12-inch valve when pressurized to Pa, 39.75 psig. Those purge supply and exhaust isolation valves listed on Table 3.6.1.2-1 shall be pressurized to 40.0 psig.\*

\* Surveillance requirement 4.6.1.7.2 does not apply to 2CPS\*AOV106 from April 24, 1991 until the next plant cold shutdown but not later than September 30, 1991 provided that 2CPS\*AOV104 and 2CPS\*AOV106 are closed and deactivated and 2CPS-V6 is locked closed.

