



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 104 TO FACILITY OPERATING LICENSE NO. DPR-63

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION, UNIT NO. 1

DOCKET NO. 50-220

INTRODUCTION

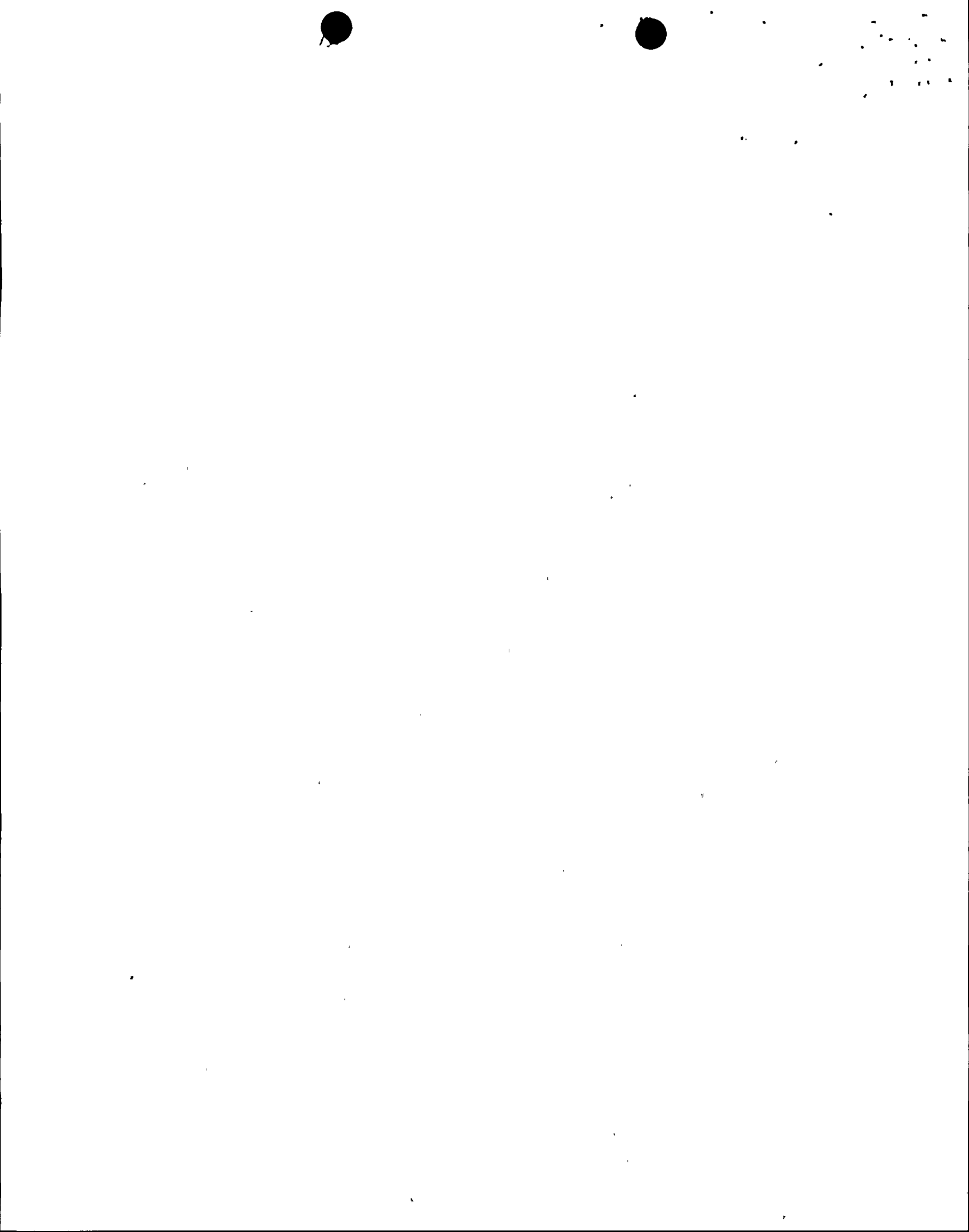
By letter dated August 21, 1986, Niagara Mohawk Power Corporation (the licensee) made application to amend the license of the Nine Mile Point Nuclear Station, Unit 1 (NMP-1). The proposed amendment would remove a license condition that limits the end-of-cycle coastdown to a minimum of 70 percent power and replace it with a Technical Specification which would permit coastdown to 40 percent power. The staff has reviewed the application and has prepared the following evaluation.

EVALUATION

The present license for Nine Mile Point Unit 1 (DPR-63) includes a condition in paragraph 2.C.(3) that permits end-of-cycle coastdown to 70 percent of full power. The licensee has submitted by reference a document (Ref. 1) that supports, on a generic basis, the end-of-cycle coastdown to 40 percent of full power for the boiling water reactor product line up to BWR/4. The conclusions of Reference 1 were included in NEDE-24011-P-A-7-US (GESTAR II, Revision 7) and were approved by the staff. Since Nine Mile Point Unit 1 is a BWR/2, the conclusions are applicable to NMP-1 and the staff concludes that the proposed coastdown operation is acceptable.

The licensee has proposed to delete the license condition that permits coastdown to 70 percent power and to replace it with a Technical Specification 3.1.7.h that limits the coastdown to a minimum value of 40 percent full power. Because the generic analysis did not include the effect of reduced feedwater heating, increasing core power level by this technique is prohibited by the specification. The licensee asserts that the Technical Specification restriction is preferred for administrative reasons because operators are more familiar with Technical Specifications than with license conditions. We find this to be acceptable and conclude that the proposed removal of the license condition and addition to the Technical Specification is acceptable.

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The bases for Specification 3.1.7 have been altered to reflect the change and two references have been added. These are acceptable. In order to maintain proper continuity of reference number with license amendment number, the references for the present amendment are now 17 and 18 and are listed on new page 70e.

#### ENVIRONMENTAL CONSIDERATION

This amendment involves a change in the installation or use of the facility components located within the restricted areas as defined in 10 CFR 20. The staff has determined that this amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

#### CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: April 10, 1989

#### PRINCIPAL CONTRIBUTOR:

W. Brooks

#### REFERENCE

1. Letter, R. E. Engel (GE) to T. A. Ippolito (NRC), "End-of-Cycle Coastdown Analyzed with ODYN/TASC," dated September 1, 1981.

