

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)**

CONTROL NO: 6765

FILE: _____

FROM: Niagara Mohawk Power Corporation Syracuse, N.Y. 13202 Mr. R.R. Schneider			DATE OF DOC 8-31-73	DATE REC'D 9-5-73	LTR X	MEMO	RPT	OTHER
TO: R.A. Clark			ORIG 1 signed	CC	OTHER	SENT AEC PDR <u>XXX</u> SENT LOCAL PDR <u>XXX</u>		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 41		DOCKET NO: 50-410		

DESCRIPTION:
Notarized ltr re our ltr 7-19-73.....
furnishing info re GE Report NEDM-10735 Suppl.
6, 7, and 8 on fuel Denisification.....

ENCLOSURES:

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Nine Mile Point Unit 2

FOR ACTION/INFORMATION 9-5-73 JB

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INTERNAL DISTRIBUTION

<u>REG FILE</u> ✓ AEC PDR OGC, ROOM P-506A MUNTZING/STAFF CASE GIAMBUSSO BOYD ✓ MOORE (L) (BWR) DEYOUNG(L) (PWR) SKOVHOLT (L) P. COLLINS ✓ REG OPR FILE & REGION(3) MORRIS STEELE	<u>TECH REVIEW</u> HENDRIE SCHROEDER MACCARY KNIGHT PAWLICKI SHAO ✓ STELLO HOUSTON ✓ NOVAK (6) ✓ ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	<u>LIC ASST</u> DIGGS (L) ✓ GEARIN (L) GOULBOURNE (L) LEE (L) MAIGRET (L) SERVICE (L) SHEPPARD (E) SMITH (L) TEETS (L) WADE (E) WILLIAMS (E) WILSON (L)	<u>A/T IND</u> BRAITMAN SALTZMAN PLANS MCDONALD DUBE INFO ✓ C. MILES ✓ L. Rubenstein ✓ Varga
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EXTERNAL DISTRIBUTION

✓ 1 - LOCAL PDR <u>Oswego, N.Y.</u> ✓ 1 - DTIE (ABERNATHY) ✓ 1 - NSIC (BUCHANAN) 1 - ASLB (YORE/SAYRE/ WOODARD/"H" ST. ✓ 16 - CYS ACRS HOLDING Sent to Gearin 9-5-73	(1) (2) (10) - NATIONAL LAB'S 1 - R. Schoonmaker, OC, GT, D-323 1 - R. CATLIN, E-256-GT 1 - CONSULTANT'S NEWMARK/BLUME/AGBABIAN 1 - GERALD ULRIKSON... ORNL	1 - PDR-SAN/LA/NY 1 - GERALD LELLOUCHE BROOKHAVEN NAT. LAB 1 - AGMED (WALTER KOESTER RM-C-427-GT 1 - RD..MULLER..F-309 GT
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Regulatory

File Cy.

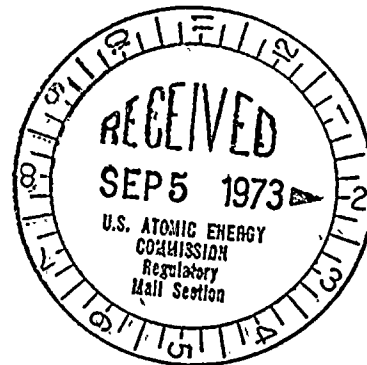
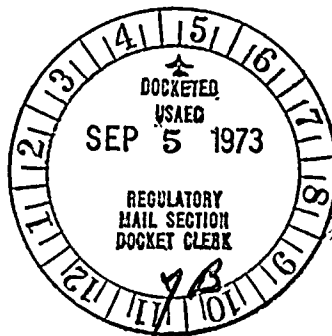
NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD WEST
SYRACUSE, N. Y. 13202

August 31, 1973

Mr. Robert A. Clark, Chief
Gas Cooled Reactors Branch
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545



Dear Mr. Clark:

Re: Nine Mile Point Unit 2
Docket No. 50-410

Your letter of July 19, 1973, requested analyses and other relevant data for determining the consequences of densification using the guidance provided in the enclosure to your letter. This includes the effects on normal operation, anticipated transients and postulated accidents, including the loss-of-coolant accident. This letter also requested that changes to design or operating conditions be submitted if the analyses indicate that changes are necessary to maintain required margins.

The requested analyses and other relevant data for determining the consequences of densification have been submitted to the Commission in a comprehensive generic report NEDM-10735, Supplements 6, 7 and 8, "Fuel Densification Effects in General Electric BWR Fuel," dated August, 1973. In this report, Nine Mile Point Unit 2 is identified as reactor AA.

This General Electric report also defines operating limitations which result from application of the modifications to the models as specified in the enclosure to your letter of July 19, 1973. Analyses show that during normal operation a small margin would be required between the actual operating lineal heat generation rate (LHGR) and the peak design LHGR as set forth in Supplement 8.

No changes in design are required by this operational limitation. The above mentioned operating limit would be imposed at the time of initial operation if so required after further review of additional data and analyses.

Subscribed and Sworn To Before Me
This 31st day of August, 1973

Very truly yours,

Bonnie E. Phillips
Bonnie E. Phillips
Notary Public

R. R. Schneider
R. R. Schneider
Vice President - Electric Operations

BONNIE E. PHILLIPS
Notary Public in the State of New York
Qualified in Onon. Co. No. 34-8357300
My Commission Expires Mar. 30, 1974

6765

