

50-410

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TO:

Mr. Edson G. Case

FROM:

Niagara Mohawk Power Corp.  
Syracuse, N.Y. 13202  
Gerald K. Rhode

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DESCRIPTION

ENCLOSURE

Forwarding final rept describing the geologic investigation at Subject Facility... Consisting of three Volumes re the investigations of Geology (Volume I), Geomorphology, Vertical Crusted Movements and Seismicity (Volume II), and Rock Stresses (Volume III)

1p

1700p

see rpts...

PLANT NAME : NINE MILE POINT UNIT 2  
jcm 05/04/78

25 ENCL - 104 advanced to W.KANE

## SAFETY

## FOR ACTION/INFORMATION

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NIAGARA MOHAWK POWER CORPORATION

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April 28, 1978

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SERVICES UNIT

Mr. Edson G. Case, Acting Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Case:


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

Enclosed are 25 copies of the final report which describes the geologic investigation at the Nine Mile Point Nuclear Station Unit 2 Site. This report consists of three volumes regarding the investigations of Geology (Volume I), Geomorphology, Vertical Crusted Movements and Seismicity (Volume II), and Rock Stresses (Volume III). In addition, we have provided an Executive Summary that highlights the results of the investigation.

As a result of the comprehensive field, laboratory and analytical studies performed by Dames and Moore for this project, it is concluded that none of the geologic structures encountered at the Site represents a seismic hazard. Additionally, an independent review of this work was conducted by our geologic consultants, Doctors S. S. Alexander, D. R. Coates and F. A. Donath. They concur with the above conclusions.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION



Gerald K. Rhode, Vice President  
System Project Management

NLR/szd

Enclosures (25)

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