

50-410

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TO: Mr. Daniel R. Muller

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

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6-4-76

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6-8-76

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DESCRIPTION Ltr trans the following:

ENCLOSURE Nine Mile Pt. Unit 2 Compliance With
10CFR50 Appendix I Volume 1 & 2.....*see shelf*
(3 cys rec'd 6-8-76 & 37 addl cys rec'd 6-17-76)

PLANT NAME: Nine Mile Pt. Unit 2

ACKNOWLEDGED

Do Not Remove

FOR ACTION/INFORMATION

DHL 6-17-76

ASSIGNED AD:		ASSIGNED AD:	
BRANCH CHIEF: (3)	VASSANO	BRANCH CHIEF:	Regan - Ltr
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INTERNAL DISTRIBUTION

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<input checked="" type="checkbox"/> GOSSICK & STAFF	ENGINEERING	IPPOLITO	
MIPC	MCCARY		SITE TECH
CASE	KNIGHT	OPERATING REACTORS	CAMMILL
HANAUER	SIHWEIL	STELLO	STEPP
HARLESS	PAWLICKI		HULMAN
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PROJECT MANAGEMENT	REACTOR SAFETY	EISENHUT	SITE ANALYSIS
BOYD	ROSS	SHAO	VOLLMER
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EXTERNAL DISTRIBUTION

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CONTROL NUMBER

5867

Detailed description of Figure 6: This is a scatter plot titled 'Fig. 6'. The vertical axis (y-axis) is labeled 'Number of children per woman at birth' and has major tick marks at 0, 2, 4, 6, and 8. The horizontal axis (x-axis) is labeled 'Percentage of women who are literate' and has major tick marks at 0, 20, 40, 60, 80, and 100. There are approximately 15 data points scattered across the plot. Most points are clustered between 20% and 80% literacy and 2 to 6 children per woman. Notable outliers include a point near (10%, 7.5) and another near (90%, 1.5). The overall pattern suggests a negative correlation between literacy and fertility.


U. S. 1

Figure 1 shows a 2D hexagonal lattice structure. A central atom is labeled '1'. To its right is an atom labeled '2'. Above the central atom is an atom labeled '3'. Below the central atom is an atom labeled '4'. To the left of the central atom is an atom labeled '5'. To the right of the central atom, there is a dashed line segment labeled 'a' connecting to another atom. To the left of the central atom, there is a dashed line segment labeled 'a' connecting to another atom. The lattice is shown as a portion of a larger structure, with dashed lines indicating the continuation of the lattice.

[illegible]

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$. It is shown that the solutions of the system (1) tend to zero as $t \rightarrow \infty$ if and only if the matrix A is Hurwitz. The second part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$ if the matrix A is not Hurwitz. It is shown that the solutions of the system (1) tend to infinity as $t \rightarrow \infty$ if and only if the matrix A is not Hurwitz. The third part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$ if the matrix A is not Hurwitz. It is shown that the solutions of the system (1) tend to infinity as $t \rightarrow \infty$ if and only if the matrix A is not Hurwitz.

Condition	10 years	12 years	14 years
1	~85%	~75%	~65%
2	~75%	~65%	~55%
3	~65%	~55%	~45%
4	~55%	~45%	~35%
5	~45%	~35%	~25%



NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD WEST
SYRACUSE, N.Y. 13202

June 4, 1976

Mr. Daniel R. Muller
Assistant Director for
Environmental Projects
Division of Reactor Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

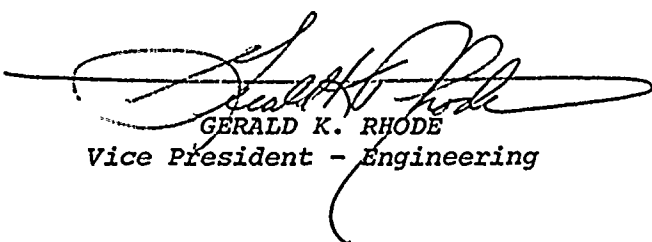
Dear Mr. Muller:

Attached are three copies of the Nine Mile Point Nuclear Station Unit 2 submittal describing compliance with Title 10 of the Code of Federal Regulations Part 50, Appendix I. More specifically, this report provides the information requested as described in Enclosure 2 of your October 8, 1975 letter.

The analysis performed demonstrates that radwaste system additions would not be cost-benefit effective in reducing population dose. Therefore, the existing system design limits population dose to as low as reasonably achievable.

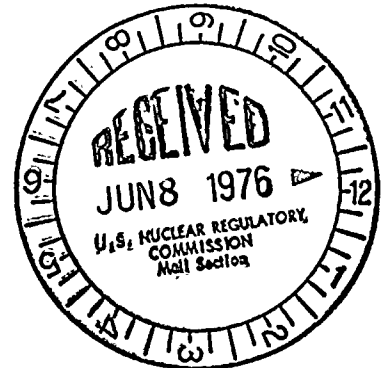
Very truly yours,

NIAGARA MOHAWK POWER CORPORATION


GERALD K. RHODE
Vice President - Engineering

/sz

Attachments (3)



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1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

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