

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD WEST  
SYRACUSE, N Y 13202

GERALD K. RHODE  
SENIOR VICE PRESIDENT

April 19, 1983  
(6466)

Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Eisenhut:

Subject: Nine Mile Point Unit 2  
Operating License Application,  
Docket No. 50-410  
Responses to Acceptance Review Questions

Your letter to Mr. C. V. Mangan dated March 29, 1983 requested additional information related to the Nine Mile Point Nuclear Station Unit 2 FSAR and ER-OLS.

Copies of the reports requested in Enclosure 3 of your March 29 letter [information requests E291.2, E291.10 and E291.11(a)] are enclosed for your use. A listing of these reports is provided in Attachment 1 to this letter.

Responses to the remainder of the March 29, 1983 information requests will be submitted in two transmittals on May 9 and June 8, 1983.

Very truly yours,

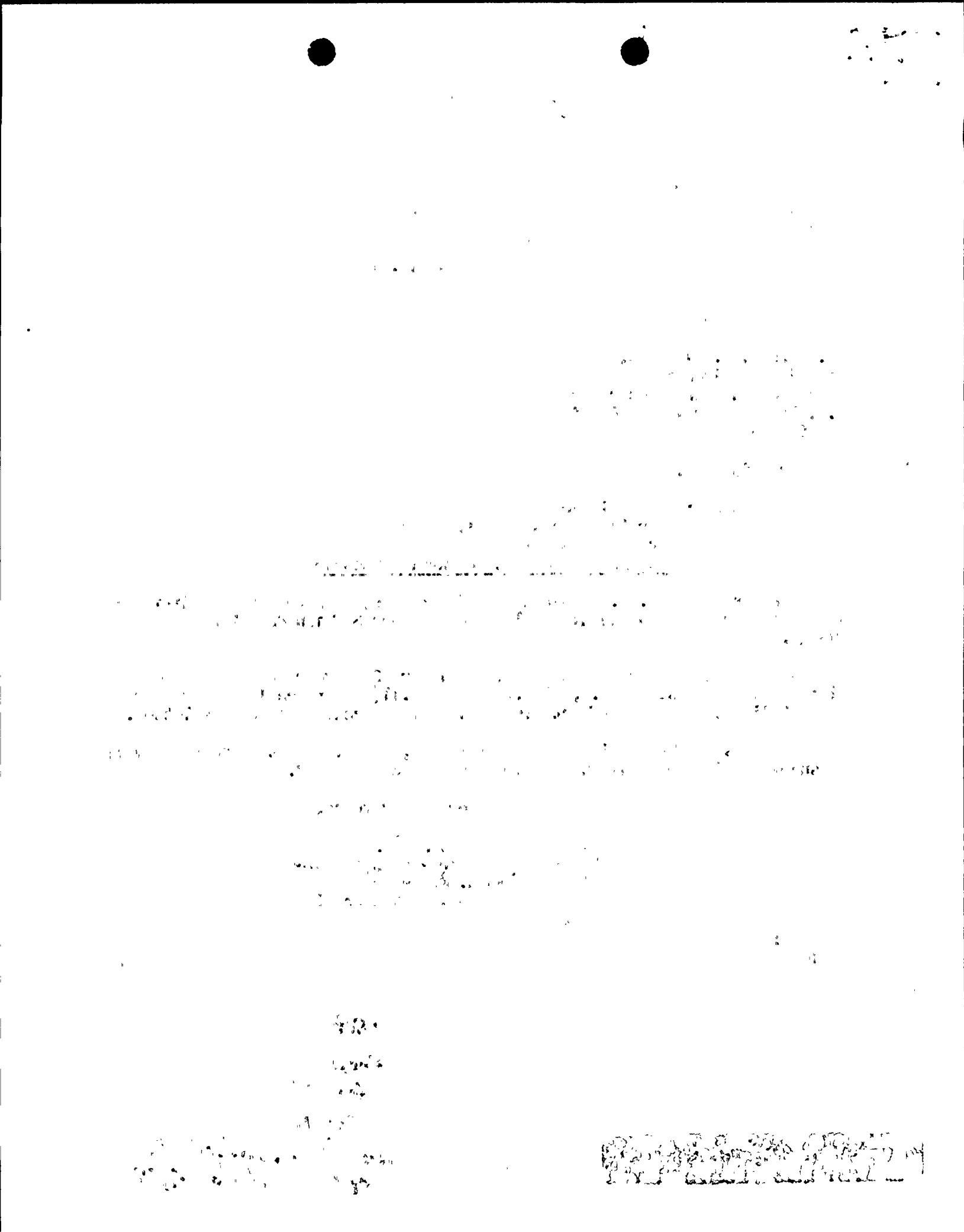


G. K. Rhode  
Senior Vice President

GKR/JAM:ja  
Enclosure

8305230582 830513  
PDR ADOCK 05000410  
A PDR

1 Set  
Encls  
Advanced  
To: PM  
due to insufficient  
Cops Rec'd on 4/83



List of Reports Submitted  
in Response to NRC Acceptance Review  
Information Requests E291.2, E291.10  
and E291.11(a)

- 1.\* 316(a) Demonstration Submission: NPDES Permit NY0001015: Nine Mile Point Unit 1. Prepared for Niagara Mohawk Power Corporation by Lawler, Matusky and Skelly Engineers, 1975.
  2. Evaluation of the Angled Screen Fish Diversion System at Oswego Steam Station Unit 6, Interim Report. Prepared for Niagara Mohawk Power Corporation by Lawler, Matusky and Skelly Engineers, 1982.
  3. James A. Fitzpatrick Nuclear Power Plant 316(a) Demonstration Submission: Permit NY0020109. Prepared for Power Authority of the State of New York, 1977.
  4. James A. Fitzpatrick Nuclear Power Plant 316(b) Demonstration Submission: Permit NY0020109. Prepared for Power Authority of the State of New York by Lawler, Matusky and Skelly Engineers, 1977.
  5. Lake Ontario Fish Tag Report Summary 1972-1976. Prepared for Niagara Mohawk Power Corporation by J. F. Storr, 1977.
  6. 1973 Nine Mile Point Aquatic Ecology Studies - Nine Mile Point Generating Station, Volume I, Volume II and Volume III Parts 1-4. Prepared for Niagara Mohawk Power Corporation and Power Authority of the State of New York by Quirk, Lawler and Matusky Engineers, 1974.
  7. 1974 Nine Mile Point Aquatic Ecology Studies. Two volumes. Prepared for Niagara Mohawk Power Corporation and Power Authority of the State of New York by Lawler, Matusky and Skelly Engineers, 1975.
  8. 1975 Nine Mile Point Aquatic Ecology Studies. Prepared for Niagara Mohawk Power Corporation and Power Authority of the State of New York by Lawler, Matusky and Skelly Engineers, 1976.
  9. 1976 Nine Mile Point Aquatic Ecology Studies. Two volumes. Prepared for Niagara Mohawk Power Corporation and Power Authority of the State of New York by Lawler, Matusky and Skelly Engineers, 1977.
  10. Nine Mile Point Aquatic Ecology Studies 1977 Annual Report. Prepared for Niagara Mohawk Power Corporation and Power Authority of the State of New York by Texas Instruments, Inc. 1978.
  11. Nine Mile Point Aquatic Ecology Studies 1978 Annual Report. Prepared for Niagara Mohawk Power Corporation and Power Authority of the State of New York by Texas Instruments, Inc. 1979.
- \* Niagara Mohawk was not required to prepare a 316(b) demonstration for Nine Mile Point Unit 1.



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List of Reports Submitted  
in Response to NRC Acceptance Review  
Information Requests E291.2, E291.10  
and E291.11(a)  
(Continued)

12. Oswego Unit 5 316(a) Demonstration Submission: Permit NY003212. Prepared for Niagara Mohawk Power Corporation by Lawler, Matusky and Skelly Engineers, 1975.
13. Oswego Unit 5 Intake Considerations: Permit NY003212. Prepared for Niagara Mohawk Power Corporation by Lawler, Matusky and Skelly Engineers, 1975.
14. Oswego Unit 6 316(a) Demonstration Submission: Permit NY0003221. Prepared for Niagara Mohawk Power Corporation by Lawler, Matusky and Skelly Engineers, 1975.
15. Oswego Unit 6 Intake Considerations: Permit NY0003221. Prepared for Niagara Mohawk Power Corporation by Lawler, Matusky and Skelly Engineers, 1975.
16. Oswego Steam Station Units 1-4, 316(a) Demonstration Submission: Permit NY0002186. Prepared for Niagara Mohawk Power Corporation by Lawler, Matusky and Skelly Engineers, 1976.
17. Oswego Steam Station Units 1-4 Intake Considerations: Permit NY002186. Prepared for Niagara Mohawk Power Corporation by Lawler, Matusky and Skelly Engineers, 1976.
18. Studies to Alleviate Potential Fish Entrapment at Unit No. 6 - Oswego Steam Station. Prepared for Niagara Mohawk Power Corporation by Stone & Webster Engineering Corporation, 1977.

1. 2. 3. 4.

[illegible]

Figure 6 shows the results of the regression analysis. The model explains 70% of the variance in the dependent variable ( $R^2 = .70$ ). The independent variables are significant at the conventional levels ( $p < .05$ ). The standardized beta coefficients indicate that the most important predictors are the perceived effort ( $\beta = .48$ ) and the perceived time pressure ( $\beta = .39$ ). The perceived effort and the perceived time pressure have a positive effect on the perceived stress. The perceived effort and the perceived time pressure explain 48% and 39% of the variance in the dependent variable, respectively. The perceived effort and the perceived time pressure are the most important predictors of the perceived stress.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies obtained on the selective medium. The results are the mean of three independent experiments. Error bars represent the standard deviation.

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[illegible]

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1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.