

SEP 30 1976

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JRBuchanan
ACRS (16)

Docket No. 50-220

Niagara Mohawk Power Corporation
ATTN: Mr. Gerald K. Rhode
Vice President - Engineering
300 Erie Boulevard West
Syracuse, New York 13202

Gentlemen:

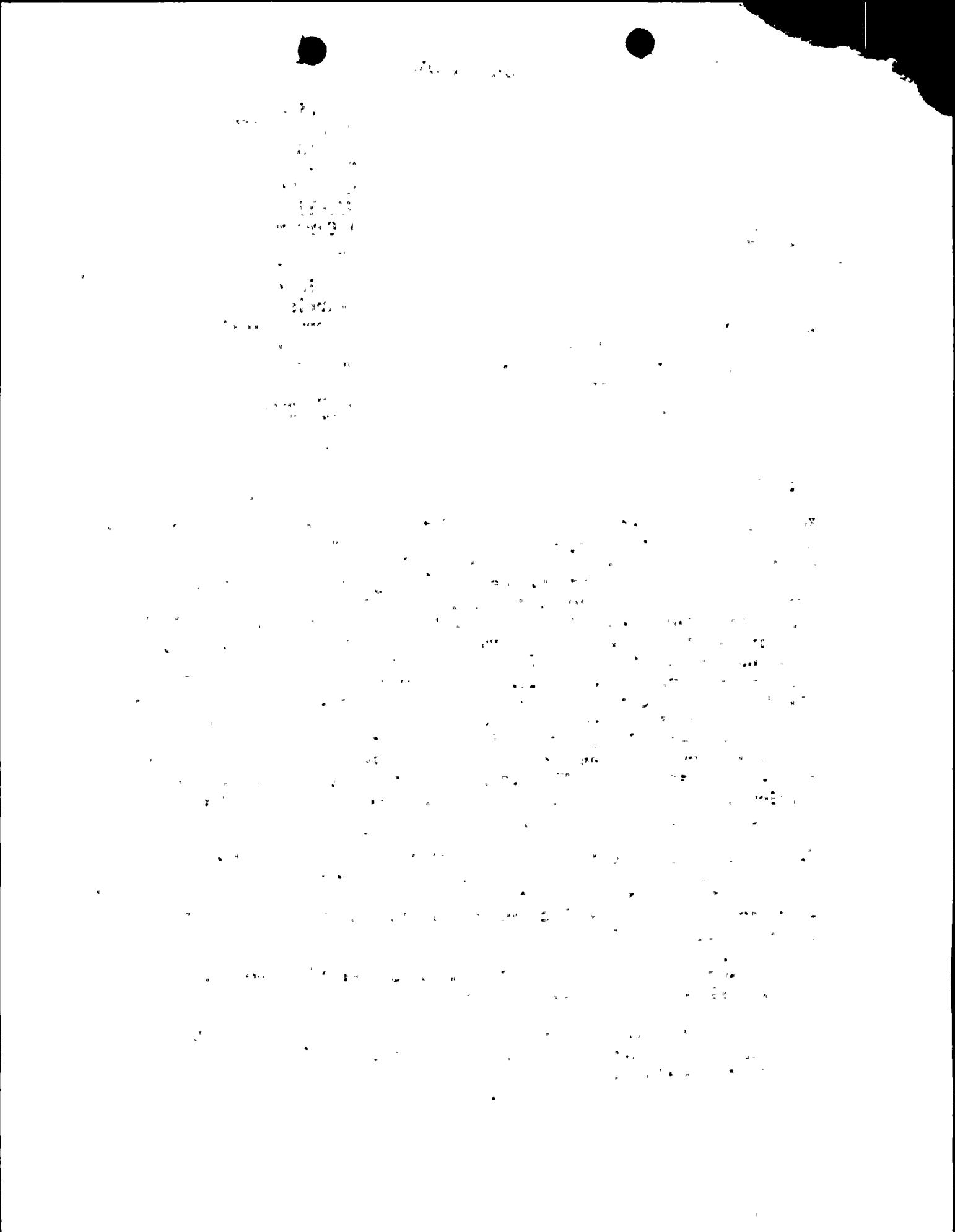
RE: NINE MILE POINT UNIT NO. 1

In accordance with the requirements of the Mark I Containment Evaluation Short Term Program (STP), you have recently submitted a Plant Unique Analysis (PUA) of the effects of potential post-LOCA hydrodynamic loads on the suppression chamber (torus) support system and on the piping attached to the torus for your Mark I BWR facility. The hydrodynamic loads which were considered in your PUA had been adjusted to reflect certain assumed initial conditions for operation of your facility; i.e: operation with a specified differential pressure between the drywell and the torus, and operation near the minimum torus water level allowed by Technical Specifications. Both of these assumptions result in a reduction in post-LOCA hydrodynamic loads on the Mark I Containment structures. Consequently, in order to assure that the PUA results may be conservatively applied to the STP evaluation of your facility's primary containment, the NRC staff has determined that the above-mentioned assumptions utilized in your PUA must be reflected in the Technical Specifications for your facility.

With respect to drywell-torus differential pressure control assumed in your PUA, we request that you submit an application for license amendment to incorporate the requirements of the enclosed model technical specifications. Your application should include the following supporting information:

- a. A description of the methods used to establish and maintain drywell-torus differential pressure at your facility.
- b. A description of any system changes or valve lineup changes which are required to implement drywell-torus differential pressure control.

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c. A description of the instrumentation which you will utilize to monitor the drywell-torus differential pressure. This description should include (1) the range and accuracy of the instrumentation, (2) the number of instrument channels available, (3) the location of instrument channel readouts, and (4) the Technical Specification requirements which currently exist for the instrumentation. If Technical Specification requirements do not currently exist for this instrumentation, your application for license amendment should include proposed changes to incorporate appropriate Limiting Conditions for Operation and Surveillance Requirements.

With respect to the effects of variations in the torus water level on the PUA results for your facility, if you determine that the PUA results are not applicable for the range of torus water levels currently allowed by your Technical Specifications, you must either provide supplemental information which demonstrates that the PUA structural acceptance criteria are met for the currently specified range of torus water levels or submit an application for license amendment to change your Technical Specification limits for torus water level to a range over which the PUA structural acceptance criteria are met. In either case we request that you provide a description of the torus water level instrumentation at your facility. This description should include (1) the range and accuracy of the instrumentation, (2) the number of instrument channels available, (3) the location of instrument channel readouts, and (4) the Technical Specification requirements which currently exist for the instrumentation. If Technical Specification requirements do not currently exist for this instrumentation, your application for license amendment should include proposed changes to incorporate appropriate Limiting Conditions for Operation and Surveillance Requirements.

We require that the above-mentioned application for license amendment and supporting information be submitted within 30 days of receipt of this letter. Three signed originals and 40 copies of your response will be required.

This request for generic information was approved by GAO under a blanket clearance number B-180225 (R0072); this clearance expires July 31, 1977.

Sincerely,

Original signed by

George Lear, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Enclosure:
Model Technical Specifications

OFFICE:	See next page	ORB #3	ORB #3	ORB #3
SURNAME:		SNowicki	JGuibert:mjf	GLear
DATE:		9/29/76	9/30/76	9/30/76

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$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

[illegible]

1. The first part of the document discusses the importance of maintaining accurate records of all transactions, including sales, purchases, and expenses. It emphasizes the need for a systematic approach to record-keeping, such as using a ledger or accounting software, to ensure that all financial data is properly documented and organized.

2. The second part of the document focuses on the importance of regular reconciliation. This involves comparing the company's internal records with external statements, such as bank statements or supplier invoices, to identify any discrepancies or errors. Regular reconciliation helps to ensure the accuracy of the financial records and allows for the timely identification and correction of mistakes.

3. The third part of the document discusses the importance of budgeting and financial planning. It highlights the need to set realistic financial goals and create a budget that outlines the expected income and expenses for a given period. By adhering to the budget, the company can better manage its resources and ensure that it is on track to meet its financial objectives.

4. The fourth part of the document addresses the importance of maintaining proper documentation for all financial transactions. This includes keeping receipts, invoices, and other supporting documents for a sufficient period of time to allow for verification and audit. Proper documentation is essential for ensuring the integrity of the financial records and for providing evidence in the event of a dispute or audit.

5. The fifth part of the document discusses the importance of regular financial reporting. This involves preparing and reviewing financial statements, such as the balance sheet, income statement, and cash flow statement, on a regular basis. Regular reporting allows the company to monitor its financial performance, identify trends, and make informed decisions about its future operations.

6. The sixth part of the document focuses on the importance of maintaining accurate records of all assets and liabilities. This includes tracking the value of the company's property, equipment, and other assets, as well as its debts and obligations. Accurate records of assets and liabilities are essential for determining the company's net worth and for ensuring that all financial obligations are properly accounted for.

7. The seventh part of the document discusses the importance of maintaining proper records of all payroll and tax-related transactions. This includes keeping records of employee salaries, benefits, and taxes paid, as well as the company's own tax returns. Proper records of payroll and tax transactions are essential for ensuring compliance with applicable laws and regulations and for providing accurate information to tax authorities.

8. The eighth part of the document addresses the importance of maintaining accurate records of all sales and revenue. This includes tracking the amount and timing of all sales, as well as the source of the revenue. Accurate records of sales and revenue are essential for determining the company's profitability and for providing accurate information to investors and other stakeholders.

9. The ninth part of the document discusses the importance of maintaining proper records of all expenses and costs. This includes tracking the amount and timing of all expenses, as well as the purpose of the expenditure. Accurate records of expenses and costs are essential for determining the company's operating costs and for providing accurate information to management and other stakeholders.

10. The tenth part of the document focuses on the importance of maintaining accurate records of all financial transactions, including sales, purchases, and expenses. It emphasizes the need for a systematic approach to record-keeping, such as using a ledger or accounting software, to ensure that all financial data is properly documented and organized.

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

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| Number of hauls | <i>P. setiferus</i> (%) | <i>P. setiferus</i> + <i>P. setiferus</i> + <i>P. setiferus</i> (%) | <i>P. setiferus</i> + <i>P. setiferus</i> + <i>P. setiferus</i> (%) |
|-----------------|-------------------------|---|---|
| 1 | 10 | 10 | 10 |
| 2 | 30 | 20 | 10 |
| 3 | 50 | 30 | 10 |
| 4 | 70 | 40 | 10 |
| 5 | 85 | 50 | 10 |
| 6 | 95 | 55 | 10 |
| 7 | 100 | 58 | 10 |
| 8 | 100 | 60 | 10 |
| 9 | 100 | 60 | 10 |
| 10 | 100 | 60 | 10 |

Niagara Mohawk Power Corporation

- 3 -

cc: Arvin E. Upton, Esquire
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Washington, D. C. 20036

Anthony Z. Roisman, Esquire
Roisman, Kessler and Cashdan
1025 15th Street, N. W.
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Washington, D. C. 20005

Oswego City Library
120 E. Second Street
Oswego, New York 13126

LIMITING CONDITIONS FOR OPERATION

3.7 CONTAINMENT SYSTEMS

Drywell-Suppression Chamber Differential Pressure

- a. Differential pressure between the drywell and suppression chamber shall be maintained at equal to or greater than 1.XX psid except as specified in (1) and (2) below:
 - (1) This differential shall be established within 24 hours of achieving operating temperature and pressure.
 - (2) This differential may be decreased to less than 1.XX psid for a maximum of two hours during required operability testing of the HPCI system pump, the RCIC system pump, and the drywell-pressure suppression chamber vacuum breakers.
- b. If the differential pressure of specification 3.7.a cannot be maintained, an orderly shutdown shall be initiated and the reactor shall be in the Hot Shutdown condition within 12 hours and the Cold Shutdown condition within the following 24 hours.

SURVEILLANCE REQUIREMENTS

4.7 CONTAINMENT SYSTEMS

Drywell-Suppression Chamber Differential Pressure

- a. The pressure differential between the drywell and suppression chamber shall be recorded at least once each shift.



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