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 FACIL: 50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe      05000220  
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 RECIP. NAME      RECIPIENT AFFILIATION  
 ZWOLINSKI, J. A.      BWR Project Directorate 1

SUBJECT: Informs that util considering options for mods to limit closure time of air-operated drywell & suppression chamber vent & purge valves to 15 s. If valves require mod, Tech Spec change will be submitted.

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October 24, 1986  
NMPIL 0106

Director of Nuclear Reactor Regulation  
Attention: Mr. John A. Zwolinski, Project Director  
BWR Project Directorate Number 1  
Division of BWR Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Re: Nine Mile Point Unit 1  
Docket No. 50-220  
DPR-63

Dear Mr. Zwolinski:

Our letter of May 29, 1986 indicated that after completing conceptual engineering we would provide a schedule to perform modifications to limit the closure time of the air-operated drywell and suppression chamber vent and purge valves to 15 seconds. In addition, our letter of July 28, 1986 indicated we would defer the submittal of Technical Specification changes to reflect the 15 second closure time, because of ongoing discussions with members of your staff regarding the technical necessity of the change.

Conceptual engineering has been performed and the various options continue to be discussed with your staff. If the need to modify the air-operated vent and purge valves to achieve a 15 second closure time is identified after completion of these discussions, then a Technical Specification change will be submitted.

Sincerely,

NIAGARA MOHAWK POWER CORPORATION

*C. V. Mangan*  
C. V. Mangan  
Senior Vice President

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1. Introduction

The purpose of this report is to provide a detailed analysis of the data collected during the experiment. The results show a significant correlation between the variables studied, indicating that the hypothesis is supported. Further research is needed to explore the underlying mechanisms.

2. Methodology

The experiment was conducted in a controlled environment to ensure accuracy. Data was collected over a period of several weeks, with multiple trials for each condition. Statistical analysis was performed using standard methods to determine the significance of the findings.

The results of the experiment are presented in the following sections. The data shows a clear trend, which is consistent with the theoretical model. The findings have important implications for the field of study.

3. Results

The data indicates a strong positive correlation.

4. Discussion