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FACIL: 50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester, G 05000244  
AUTH. NAME: AUTHOR AFFILIATION  
MAIER, J. E. Rochester Gas & Electric Corp.  
RECIP. NAME: RECIPIENT AFFILIATION  
CRUTCHFIELD, D. Operating Reactors Branch 5.

SUBJECT: Provides update to 810616 ltr re containment purge & vent valves. Valves will remain closed while plant is critical until travel stops can be adjusted to limit valve opening angle to 40 degrees instead of 50 degrees.

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TITLE: Containment Purging

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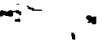
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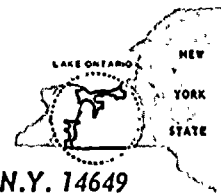
[The body of the document contains several lines of extremely faint, illegible text, likely bleed-through from the reverse side. The text is organized into approximately four horizontal sections, separated by small gaps. The first section is located near the top left, the second in the upper middle, the third in the lower middle, and the fourth near the bottom center. Due to the low contrast and poor scan quality, the specific words and sentences cannot be transcribed.]



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JOHN E. MAIER  
VICE PRESIDENT

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October 30, 1981

Director of Nuclear Reactor Regulation  
Attention: Mr. Dennis M. Crutchfield, Chief  
Operating Reactors Branch No. 5  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Containment Purge and Vent Valves  
R. E. Ginna Nuclear Power Plant  
Docket No. 50-244



Dear Mr. Crutchfield:

In a telephone conversation with a member of your staff, Mr. Richard Snaider, we were asked to provide an update of our activities regarding containment purge and vent valves. Our previous letter on this subject, dated June 16, 1981 summarized interim actions being taken and schedules for future work. These remain in effect except as described below.

On June 26, 1981, we were notified by the containment purge valve manufacturer, Henry Pratt, Inc., that plant specific analyses they had performed showed acceptable maximum valve opening angles of 30° to 50°. The allowable opening angle for a given plant depended on the specific equipment and conditions in that plant.

Plant specific analyses have been performed for the Ginna valves by another consultant. These analyses demonstrate acceptable valve closing using ASME service level D allowable stress criteria with the valves open to 50° when subjected to LOCA loadings. However, the valve may not be capable of being opened following closure. If the valve opening is limited to 40°, the integrity is assured and all stresses are within ASME service level B or C criteria thus assuring the ability to reopen the valves. To provide additional conservatism until final analyses and valve modifications are performed, the valves are being maintained closed while the plant is critical until the travel stops can be adjusted to limit valve opening to 40° instead of 50°.

Very truly yours,

*John E. Maier*  
John E. Maier

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