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 AUTH. NAME AUTHOR AFFILIATION
 MAIER, J. E. Rochester Gas & Electric Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 CRUTCHFIELD, D. Operating Reactors Branch 5

SUBJECT: Forwards "Fracture Mechanics Evaluation of High Energy Piping Lines at RE Ginna Nuclear Power Plant," per SEP Topic III-5.A. Rept supports conclusion that "leak-before-break" does apply to lines. Present leak detection sys adequate.

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ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649

JOHN E. MAIER
Vice President

TELEPHONE
AREA CODE 716 546-2700

April 22, 1983

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: SEP Topic III-5.A, High Energy Line Breaks Inside
Containment
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

Dear Mr. Crutchfield:

In a letter dated March 16, 1983, RG&E stated that a report describing the fracture mechanics evaluations for the pressurizer surge line and the "A" accumulator line would be submitted by mid-April, 1983. Enclosed are two (2) copies of the report "Fracture Mechanics Evaluation of High Energy Piping Lines at the R. E. Ginna Nuclear Power Plant". This report supports RG&E's previously described conclusions that "leak-before-break" does apply to these lines and that the leak detection systems already in place at Ginna are adequate from these lines.

Very truly yours,


John E. Maier

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