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ACCESSION NBR: 8607110002 DOC. DATE: 86/07/11 NOTARIZED: NO DOCKET #
 FACIL: 50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
 AUTH. NAME AUTHOR AFFILIATION
 KOBER, R. W. Rochester Gas & Electric Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 LEAR, G. E. PWR Project Directorate 1

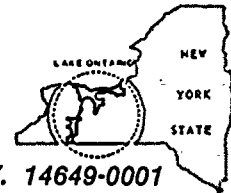
SUBJECT: Advises that WCAP-11145 referenced to satisfy Generic Ltr
 83-35 re TMI Action Item II.K.3.31 requirements. Licensing
 basis conservative & valid for demonstrating adequacy of
 ECCS to mitigate small break LOCA.

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ROGER W. KOBER
VICE PRESIDENT
ELECTRIC & STEAM PRODUCTION

TELEPHONE
AREA CODE 716 546-2700

Director of Nuclear Reactor Regulation
Attention: Mr. George E. Lear, Chief
PWR Project Directorate No. 1
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: TMI Action ITEM II.K.3.31
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

- Reference: 1. NRC Generic Letter 83-35 from D. G. Eisenhut,
"Clarification of TMI Action Plant Item
II.K.3.31", November 2, 1983
2. L. D. Butterfield letter to J. Lyons,
"Westinghouse Owners Group Transmittal of
WCAP-11145, OG-190, June 11, 1986

Dear Mr. Lear:

TMI Action Item II.K.3.31 requires Rochester Gas and Electric Corporation (RG&E) to submit a plant specific analysis utilizing the new NRC approved NOTRUMP Small Break LOCA (SBLOCA) Evaluation Model (EM). In Reference (1), the NRC Staff indicated that the resolution of TMI Action Plan Item II.K.3.31 may be accomplished by generic analyses to demonstrate that the previous NRC approved WFLASH SBLOCA EM results were conservative when compared with the new NOTRUMP SBLOCA EM. Such generic studies were undertaken by the Westinghouse Owners Group (WOG) for participating members including RG&E. The WOG has completed these generic studies and has submitted the results of the analyses to the NRC in the topical report WCAP-11145 (Reference 2). The purpose of this letter is to inform you that RG&E is referencing topical report WCAP-11145 in order to satisfy the requirements of TMI Action Item II.K.3.31 for R. E. Ginna in a generic fashion in accordance with Reference 1.

Topical report WCAP-11145 documents the results of a series of Small Break LOCA (SBLOCA) analyses performed with the NRC approved NOTRUMP SBLOCA Evaluation Model. Cold leg break spectrum analyses were performed for the limiting SBLOCA plant from each of the Westinghouse 4-loop, 4-loop Upper Head Injection (UHI), 3-loop, and 2-loop plant categories. The limiting SBLOCA plant in each category was defined on the basis of previous SBLOCA analyses which were performed with the NRC approved WFLASH SBLOCA EM. In addition to the cold leg break spectrums, a hot leg and pump

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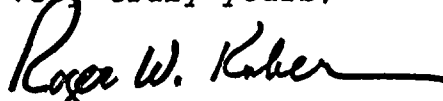
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TO Mr. George E. Lear

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The generic results documented in WCAP-11145, demonstrate that a plant specific reanalysis of the 2-loop Ginna plant with the NOTRUMP SBLOCA EM would result in the calculation of a limiting PCT which would be significantly lower than the 1092°F PCT currently calculated with the WFLASH SBLOCA EM. Hence, the WFLASH SBLOCA EM results which currently form the licensing basis for Ginna are conservative and still valid for demonstrating the adequacy of the Emergency Core Cooling System to mitigate the consequences of a SBLOCA, as required by 10CFR50.46. It is therefore concluded that a plant specific analysis is not needed in order for Ginna to comply with TMI Action Item II.K.3.31. WCAP-11145, on a generic basis, should satisfy the requirements of NUREG 0737 as stated in reference 1.

Very truly yours,



Roger W. Kober

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July 8, 1986

Director of Nuclear Reactor Regulation
Attention: Mr. George E. Lear, Chief
PWR Project Directorate No. 1
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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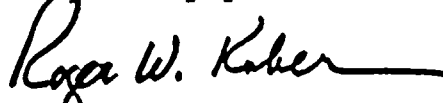
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Mr. George E. Lear

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