

06/21/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
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REC: ZIEMANN D
NRC

ORG: WHITE L D
ROCHESTER GAS & ELEC

DOC DATE: 06/15/78
DATE RCVD: 06/20/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 1 ENCL 0

RESPONSE TO NRC LTR DTD 09/02/77... FURNISHING INFO RE WATER HAMMER IN WESTINGHOUSE AND COMUBSTION ENGINEERING PRESSURIZED WATER REACTORS AND PLANS TO STUDY THE ADDITION OF "J" TUBES IN SUBJECT FACILITY'S STEAM GENERATOR FEED RINGS.

PLANT NAME: RE GINNA - UNIT 1

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: *mu*

***** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS *****

GENERAL DISTRIBUTION FOR AFTER ISSUANCE OF OPERATING LICENSE.
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SIZE: 1P

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***** THE END *****

MA/4

NRC-3031305-010

UNITED STATES NUCLEAR REGULATORY COMMISSION
DDC MONTHLY ACCESSION LIST

04/01/78 - 04/30/78

FILE LEVELS

DOC. DATE

50-333 POWER AUTHORITY OF THE STATE OF NY JAMES FITZPATRICK

50 03/14/78

ACCESSION NBR: 78083-0087

TASK NBR:

333 DOCUMENT TYPE: LETTER

FICHE NBR :

C DOCUMENT SIZE: 1P+1P

NOTARIZED: N

DOCKET DATE:

LPDR: YE

REPORT NBR:

RECP: GRIER B H

RECP AFFILIA

ORG: LEONARD J D

ORG AFFILIAT

SUBJECT: LICENSEE EVENT REPT (RO 50-333/78-01
REMOVAL PUMP CHECK VALVE STUCK OPEN

50 03/15/78

ACCESSION NBR: 78083-0086

TASK NBR:

333 DOCUMENT TYPE: LETTER

FICHE NBR :

C DOCUMENT SIZE: 1P+1P+1P

NOTARIZED: N

DOCKET DATE:

LPDR: YE

REPORT NBR:

RECP: GRIER B H

RECP AFFILIA

ORG: LEONARD J D

ORG AFFILIAT

SUBJECT: LICENSEE EVENT REPT (RO 50-333/78-01
RESULTED IN FAILURE OF THE HUMIDITY
DROPPED BELOW 70%.

50 03/17/78

ACCESSION NBR: 78088-0129

TASK NBR:

333 DOCUMENT TYPE: LETTER

FICHE NBR :

C DOCUMENT SIZE: 1P+1P+6P

NOTARIZED: Y

DOCKET DATE:

LPDR: Y

REPORT NBR:

RECP: LEONARD J D

RECP AFFILIA

ORG: MARTIN W G

ORG AFFILIA

SUBJECT: EXPRESSING THANKS FOR FURNISHING IN
CITED IN IE INSPEC REPT NO 50-333/7
28/77...W/ATT



REGULATORY DOCKET FILE COPY



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

LEON D. WHITE, JR.
VICE PRESIDENT

TELEPHONE
AREA CODE 716 546-2700

June 15, 1978

Director of Nuclear Reactor Regulation
ATTN: Mr. D. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: Steam Generator water hammer prevention
R. E. Ginna Nuclear Power Plant, Unit No. 1
Docket No. 50-244

Dear Mr. Ziemann:

1978 JUN 20 PM 12 32
US NRC
DISTRIBUTION SERVICES
BRANCH
DISTRIBUTION
SERVICES UNIT

This letter is in response to Mr. Schwencer's letter, dated September 2, 1977, regarding water hammer in Westinghouse and Combustion Engineering pressurized water reactors. It also refers to our letter of January 3, 1978 in which we stated our plans to study the addition of "J" tubes in the Ginna steam generator feed rings.

Based on our review, it has been determined that the installation of "J" tubes will further reduce the probability of steam generator water hammers and we, therefore, are proceeding with plans to install "J" tubes during the 1979 refueling and maintenance outage. Installation of "J" tubes will not affect the integrity of the steam generator tubes.

A number of other factors also limit the likelihood of steam generator water hammers and the intensity of any postulated water hammers. These have been outlined in our previous letters on this subject and include the limiting of auxiliary feedwater flow under normal conditions to less than 150 gpm, the short length of feedwater piping between the steam generator and the loop seal, and the automatic start of auxiliary feedwater on loss of all feedwater, loss of offsite power, low-low level in any one steam generator, and safety injection.

The design of the "J" tubes including all design bases will be reviewed pursuant to 10 CFR Section 50.59 when the design criteria are prepared. It is our intention to design the modification such that all existing safety analyses are not affected.

Very truly yours, 781720155

L. D. White, Jr.
L. D. White, Jr.

Asol
11/10

