

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8005060176 DOC.DATE: 80/04/30 NOTARIZED: NO DOCKET #
 FACIL:50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
 AUTH.NAME AUTHOR AFFILIATION
 WHITE,L.D. Rochester Gas & Electric Corp.
 RECIP.NAME RECIPIENT AFFILIATION
 ZIEMANN,D.L. Procedures & Test Review Branch

SUBJECT: Forwards supplemental response to NRC 800328 request for
 info re environ qualification of electrical equipment,
 including post-accident containment heat removal sys.Graphic
 representations of injection & recirculation phases encl.

DISTRIBUTION CODE: A001S COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 3
 TITLE: General Distribution for after Issuance of Operating Lic

NOTES: ICU: D. ALLISON, E. ADEN SAM,

ACTION:	RECIPIENT	COPIES		RECIPIENT	COPIES	
	ID CODE/NAME	LTTR	ENCL		ID CODE/NAME	LTTR
	05 BC ORB #2	7	7			
INTERNAL:	01 REG FILE	1	1	02 NRC PDR	1	1
	12 I&E	2	2	15 CORE PERF BR	1	1
	17 ENGR BR	1	1	18 REAC SFTY BR	1	1
	19 PLANT SYS BR	1	1	20 EEB	1	1
	21 EFLT TRT SYS	1	1	EPB-DOR	1	1
	OELD	1	0	STS GROUP LEADR	1	1
EXTERNAL:	03 LPDR	1	1	04 NSIC	1	1
	23 ACRS	16	16			

MAY 7 1980

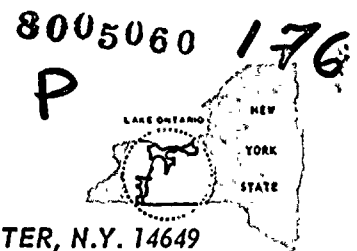
TOTAL NUMBER OF COPIES REQUIRED: LTTR 40 ENCL 39
38 37



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

LEON D. WHITE, JR.
VICE PRESIDENT

TELEPHONE
AREA CODE 716 546-2700



April 30, 1980

Director of Nuclear Reactor Regulation
Attention: Mr. Dennis L. Ziemann, Chief
Operating Reactors Branch No. 2
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Environmental Qualification of Electrical Equipment
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

Dear Mr. Ziemann:

Your March 28, 1980 letter (received on April 7, 1980), requested that we submit information concerning the Ginna post-accident containment heat removal systems. We promptly responded by letter dated April 10, 1980, noting that the requested information was virtually identical to that requested through SEP Topics VI-2.D and VI-3, and submitted to the NRC staff on August 10, 1979.

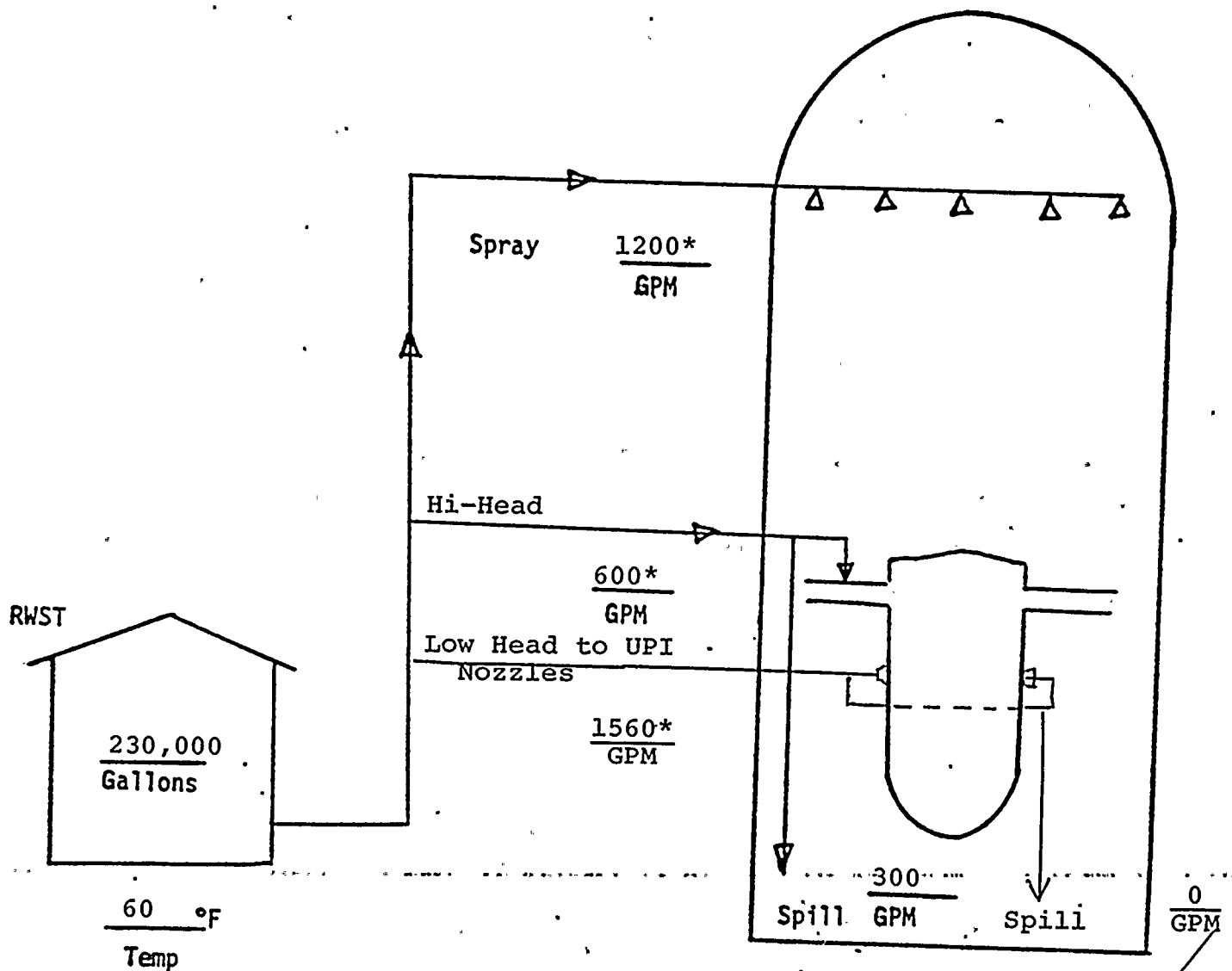
We did note that, in the March 28, 1980 letter, some of the requested information was to be in graphical form. Since this format difference was considered inconsequential, we decided, to save time, to merely resubmit the previous SEP submittal, where the requested information had been provided in tabular form. We have since been informed by the NRC staff that this approach was unacceptable. We have therefore included the graphical representation of the desired information in the attached Figures 1 and 2.

Very truly yours,

L. D. White, Jr.

LDW:rb
Attachment

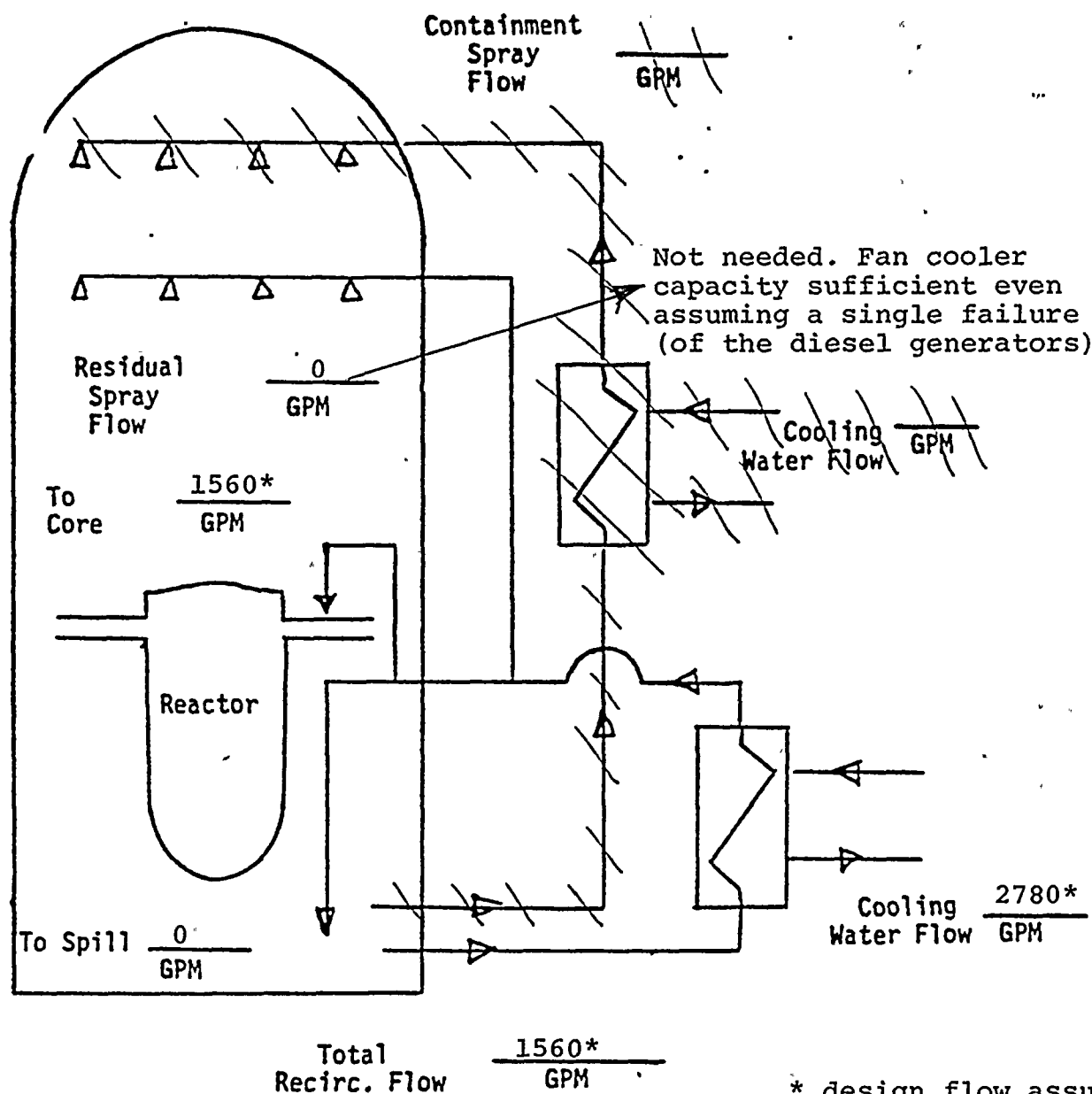
A001
S
1/1



Note: injection flow is directly into vessel (upper plenum injection), so no spill

FIGURE 1 - INJECTION PHASE

* single failure assumed is one diesel generator, minimum ECCS is thus two hi head and one low head pump(s). (Design flow shown). minimum heat removal is one CS pump (1200 GPM min. flow) and two fan coolers (design capacity = $2 \times 14,000$ BTU/sec.)



* design flow assumes single failure of one diesel generator. Flow given is design flow from one pump

Containment Spray HX UA	<u>N/A</u>	$\times 10^6$
Cooling Water Temp	<u>N/A</u>	$^{\circ}\text{F}$
RHR (Shutdown) HX UA	<u>0.69</u>	$\times 10^6$
Cooling Water Temp	<u>100</u>	$^{\circ}\text{F}$

RECIRCULATION
PHASE

FIGURE 2 - RECIRCULATION PHASE

