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

LEON D. WHITE, JR.
VICE PRESIDENT

TELEPHONE
AREA CODE 716 546-2700

July 16, 1976

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Subject: Reportable Occurrence 76-19 (14-day report), Release of liquid radioactive waste without continuous operation of a gross activity monitor
R. E. Ginna Nuclear Power Plant, Unit No. 1
Docket No. 50-244

Dear Mr. O'Reilly:

In accordance with Technical Specifications, Article 6.9.2a, the attached report of Reportable Occurrence 76-19, 14-day, is hereby submitted. Two additional copies of this letter and the attachment are enclosed.

Very truly yours,

L. D. White, Jr.

Attachment

cc: Dr. Ernst Volgenau (40)
Mr. William G. McDonald (3)

LER 76-19/1T

LICENSEE EVENT REPORT

CONTROL BLOCK: [| | | | | |] (1–6)

(PLEASE PRINT ALL REQUIRED INFORMATION)

01	LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
(7–8)	NYREG1 (9–14)	00–00000–00 (15–25)	4 1 1 1 1 (26–30)	0 1 (31–32)

01	CONT	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
(7–8)		(57–58)	T (59)	L (60)	050–02744 (61–68)	07 08 76 (69–74)	07 16 76 (75–80)

EVENT DESCRIPTION

02 During reclaiming of steam generator blowdown water by processing in main water
03 treatment plant demineralizers, it was determined that, from 6/17/76 to 7/6/76, 11
04 releases were made from the neutralizing tank with activity ranging from less than
05 2.25×10^{-7} to less than 3.96×10^{-6} uCi/cc. Although activity was determined by
06 sampling prior to each release, the releases were (cont'd. under Additional Factors)

07	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
(7–8)	MA (9–10)	B (11)	ZZZZZZ (12–17)	Z (43)	Z999 (44–47)	Y (48)

CAUSE DESCRIPTION

08 The recently installed blowdown recovery system processes the blowdown water as des-
09 cribed above. The demineralizer resins concentrate the small amount of activity in the
10 blowdown water. The resins are then regenerated and the (cont'd. on attached sheet)

11	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
(7–8)	E (9)	100 (10–12)	NA (13–44)	a (45)	H.P. Supervisor review (46–80)

12	FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
(7–8)	L (9)	M (10)	less than 0.00087 Ci (11–44)	Naturalizing tank to discharge canal (45–80)

PERSONNEL EXPOSURES

13	NUMBER	TYPE	DESCRIPTION
(7–8)	000 (9–11)	Z (12)	NA (13–80)

PERSONNEL INJURIES

14	NUMBER	DESCRIPTION
(7–8)	000 (9–11)	NA (12–80)

OFFSITE CONSEQUENCES

15 Max. concentration in canal was 2.7×10^{-9} uCI/cc; no hazard was posed to general public

LOSS OR DAMAGE TO FACILITY

16	TYPE	DESCRIPTION
(7–8)	Z (9)	NA (10–80)

PUBLICITY

17 NA

ADDITIONAL FACTORS (cont'd. from Event Description)

18 made without continuous use of a gross activity monitor. The blowdown has been
diverted to the blowdown tank where continuous gross activity monitor is in service.
19 (Reportable Occurrence 76-19, 14-day).

NAME: Duane Filkins PHONE: 716/546-2700, etx. 291-219

GPO 881-667

Cause Description (cont'd.)

spent regenerants are collected in the neutralizing tank. This tank is then sampled and the contents analyzed for pH and activity prior to release to the discharge canal.

A temporary line has been installed to release the neutralizing tank through the liquid radioactive waste discharge monitor (R-18). An Engineering Work Request has been issued to study the possibility of installing a monitor on secondary plant waste discharge and/or the installation of permanent tie in to R-18.

Car 1083 has been issued to document the corrective actions.