



PSEG

Public Service Electric and Gas Company P.O. Box 168 Hancocks Bridge, New Jersey 08038

Salem Nuclear Generating Station

RECEIVED
9 57
February 14, 1979

Director, Division of Water Resources
N. J. Department of Environmental Protection
P. O. Box 2809
Trenton, New Jersey 08625

Attention: Delaware Basin

Dear Sir:

Attached is the Operating Report for the month of January, 1979
for the Industrial Waste Treatment Plant for Salem Generating
Station.

Very truly yours,

H. J. Midura
Manager - Salem Generating Station

LKM:jcm

15.5.18.R1-SHP



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**MONTHLY OPERATING REPORT OF INDUSTRIAL WASTE TREATMENT PLANT
PUBLIC SERVICE ELECTRIC AND GAS COMPANY**

Salem
Hancocks Bridge
FOR January

GENERATING STATION
NEW JERSEY
19 79

- HACKENSACK RIVER
- DELAWARE RIVER
- INTERSTATE SANITATION COMMISSION

DAY OF MONTH	DISCH. BEFORE MIX.			WASTE STREAM BEFORE MIXING					Discharged By Dow Industrial Svc.			CLARIFIER OPERATION			
	FLOW - GAL x 10 ⁶	pH	Temp. - °F	FLOW - Gal x 10 ³	pH	Temp. - °F	ACID WASTE LBS x 1000	ALKALINE WASTE LBS x 1000	HOURS OF OPERATION	FLOW - GAL x 10 ³	pH	Temp. - °F	ALUM USED LBS x 1000	COAGULANT USED LBS	SLUDGE REMOVED CU FT x 10
1				132		130				288					
2				132		130				540					
3				125		102				270					
4				470		126				288					
5				273		122				468					
6				318		105				432					
7				308		125				216					
8				151		105				288					
9				584		115				144					
0				375		125				144					
1				487		125				144					
2				408		130				432					
3				331		125				468					
4				259		127				396					
5				467		115				288					
6				755		115				NONE					
7				401		120				126					
8				468		112				180					
9				397		119				306					
0				395		120				288					
1				107		95				324					
2				414		129				135					
3				367		91				324					
4				337		106				243					
5				284		90				270					
6				341		90				189					
7				234		70				225					
8				385		75				135					
9				459		121				126					
0				451		105				216					
1				336		102				99					
AVG.				353						336					
BYPASS OPERATION															
AVG.															

REMARKS Waste automatically discharged between 6.0-9.0 pH. NOTE:
This solution is diluted ~370 times with river water before it is
returned to the river.

Signature of Licensee *John Russo Jr.* Title Chief Engineer
Manager *H. J. Michew*