

# Summary by N.S.S.S

For Parts with

	(8) 1978	(6) 1977	(6) 1976	(6) 1975
B+W				
COMPONENT FAILURE	148	65	74	69
DEFECTIVE PROCEDURES	24	15	19	24
DESIGN/FAB ERROR	33	14	20	33
EXTERNAL CAUSE	8	3	5	25
OTHER	83	27	26	70
PERSONNEL ERROR	67	18	38	59
TOTAL	363	142	182	280
	45.4	23.7	30.3	46.7

36.5 Avg. Avg.

	(8)	(7)	(5)	(4)
C.F.				
COMPONENT FAILURE	177	214	111	85
DEFECTIVE PROC.	14	17	6	24
DESIGN/FAB ERROR	33	41	28	16
EXTERNAL CAUSE	5	14	11	4
OTHER	37	98	53	14
PERSONNEL ERROR	105	65	23	24
TOTAL	371	449	232	167
	46.4	64.1	46.4	41.8

49.7 Avg. Avg.

	(23)	(22)	(19)	(17)
(W)				
COMPONENT FAILURE	455	453	294	214
DEFECTIVE PROC.	43	26	29	32
DESIGN/FAB ERROR	61	51	47	36
EXTERNAL CAUSE	33	39	32	12
OTHER	133	157	98	58
PERSONNEL ERROR	176	157	94	73
TOTAL	901	883	594	425
	39.2	40.1	31.3	25

All PWRS

	(39)	(35)	(30)	(27)
COMPONENT FAILURE	780	732	479	368
DEFECTIVE PROC.	81	58	54	80
DESIGN/FAB ERROR	109	106	95	85
EXTERNAL CAUSE	46	56	48	41
OTHER	299	282	171	152
PERSONNEL ERROR	318	240	155	156
TOTAL	1663	1474	1008	872
	42.6	42.1	33.6	32.3

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	(1) 1978	(1) 1977	(1) 1976	(1) 1975
FT. Sauer (M.D.)				
COMPONENT FAILURE	13	23	16	17
DEFECTIVE PROCEDURES	3	3	8	7
DESIGN/FAB ERROR	3	4	8	7
EXTERNAL CAUSE	-	-	-	1
OTHER	11	10	7	4
PERSONNEL ERROR	-	5	13	8
TOTAL	30	45	52	49

	(1) 1978	(1) 1977	(1) 1976	(1) 1975
LACBUN				
COMPONENT FAILURE	7	4	7	5
DEFECTIVE PROC.	1	-	2	1
DESIGN/FAB ERROR	-	1	2	1
EXTERNAL CAUSE	-	-	1	-
OTHER	4	1	5	1
PERSONNEL ERROR	2	-	2	1
TOTAL	14	6	17	9

	(25)	(24)	(23)	(22)
ALL BURS				
COMPONENT FAILURE	588			
DEFECTIVE PROC.	57			
DESIGN/FAB ERROR	138			
EXTERNAL CAUSE	16			
OTHER	66			
PERSONNEL ERROR	205			
TOTAL	1170	1321	1209	43.9

	(24)	(24)	(22)	(21)
GE				
COMPONENT FAILURE	581	751	691	590
DEFECTIVE PROC.	56	55	77	58
DESIGN/FAB ERROR	138	101	85	94
EXTERNAL CAUSE	16	30	30	15
OTHER	162	169	121	36
PERSONNEL ERROR	203	209	188	164
TOTAL	1156	1315	1192	957

~~All Bulbs~~

# ALL PLANTS

	1978 (65)	1977 (61)	1976 (53)	1975 (49)
COMPONENT FAILURE				
DEFECTIVE PROCEDURES				
DESIGN/FAB ERROR				
EXTERNAL CAUSE				
OTHER				
PERSONNEL ERROR				
TOTAL	2863	44,028	46,622	42,818

COMPONENT FAILURE  
DEFECTIVE PROC.  
DESIGN/FAB ERROR  
EXTERNAL CAUSE  
OTHER  
PERSONNEL ERROR  
TOTAL

COMPONENT FAILURE  
DEFECTIVE PROC.  
DESIGN/FAB ERROR  
EXTERNAL CAUSE  
OTHER  
PERSONNEL ERROR  
TOTAL.

COMPONENT FAILURE  
DEFECTIVE PROC.  
DESIGN/FAB ERROR  
EXTERNAL CAUSE  
OTHER  
PERSONNEL ERROR  
TOTAL.

# B&W Parts

	1978	1977	1976	1975
<b>ARKANSAS 1</b>				
COMPONENT FAILURE	14	13	13	5
DEFECTIVE PROCEDURES	-	1	2	1
DESIGN/FAB ERROR	1	6	11	3
EXTERNAL CAUSE	-	1	-	19
OTHER	4	4	3	41
PERSONNEL ERROR	9	4	7	4
TOTAL	28	29	36	73
<b>CRYSTAL RIVER</b>				
COMPONENT FAILURE	35	59	1	1
DEFECTIVE PROC.	4	14	-	-
DESIGN/FAB ERROR	5	11	2	1
EXTERNAL CAUSE	4	2	-	-
OTHER	33	43	-	-
PERSONNEL ERROR	15	30	2	-
TOTAL	96	159	5	2
<b>DAVIS-BESSE</b>				
COMPONENT FAILURE	52	38	-	-
DEFECTIVE PROC.	11	15	2	-
DESIGN/FAB ERROR	16	21	1	-
EXTERNAL CAUSE	2	3	-	-
OTHER	23	21	-	-
PERSONNEL ERROR	21	36	-	-
TOTAL	125	134	3	-
<b>OCONEE 1</b>				
COMPONENT FAILURE	12	21	11	7
DEFECTIVE PROC.	2	4	4	-
DESIGN/FAB ERROR	-	2	3	3
EXTERNAL CAUSE	-	1	-	-
OTHER	7	10	15	20
PERSONNEL ERROR	4	2	4	11
TOTAL	25	40	37	41

# B&W PLANTS

	1978	1977	1976	1975
<u>OCCURRENCE 2</u>				
COMPONENT FAILURE	7	11	9	17
DEFECTIVE PROCEDURES	2	1	1	4
DESIGN/FAB ERROR	-	2	1	4
EXTERNAL CAUSE	-	-	-	-
OTHER	2	1	-	-
PERSONNEL ERROR	2	2	6	13
TOTAL	13	17	17	38

	1978	1977	1976	1975
<u>OCCURRENCE 3</u>				
COMPONENT FAILURE	15	7	10	10
DEFECTIVE PROC.	1	6	5	1
DESIGN/FAB ERROR	1	1	1	4
EXTERNAL CAUSE	-	-	-	-
OTHER	5	3	-	-
PERSONNEL ERROR	1	1	5	10
TOTAL	23	18	21	25

	1978	1977	1976	1975
<u>RAVENS SECO</u>				
COMPONENT FAILURE	6	8	12	7
DEFECTIVE PROC.	1	1	1	5
DESIGN/FAB ERROR	3	1	2	3
EXTERNAL CAUSE	1	-	-	1
OTHER	2	4	1	-
PERSONNEL ERROR	9	7	5	10
TOTAL	22	21	21	26

	1978	1977	1976	1975
<u>THREE MILE ISLAND</u>				
COMPONENT FAILURE	7	5	19	23
DEFECTIVE PROC.	3	2	6	13
DESIGN/FAB ERROR	7	8	26	16
EXTERNAL CAUSE	1	1	5	5
OTHER	7	5	3	9
PERSONNEL ERROR	6	2	11	11
TOTAL	31	23	46	77

# Bolt Plants

Three Mile Island 2

COMPONENT FAILURE  
 DEFECTIVE PROCEDURES  
 DESIGN/FAB ERROR  
 EXTERNAL CAUSE  
 OTHER  
 PERSONNEL ERROR  
 TOTAL

	1978	1977	1976	1975
COMPONENT FAILURE	13	1	1	
DEFECTIVE PROCEDURES	7	-	1	
DESIGN/FAB ERROR	20	-	-	
EXTERNAL CAUSE	8	1	1	
OTHER	14	-	-	
PERSONNEL ERROR	62	2	3	-

COMPONENT FAILURE  
 DEFECTIVE PROC.  
 DESIGN/FAB ERROR  
 EXTERNAL CAUSE  
 OTHER  
 PERSONNEL ERROR  
 TOTAL

COMPONENT FAILURE  
 DEFECTIVE PROC.  
 DESIGN/FAB ERROR  
 EXTERNAL CAUSE  
 OTHER  
 PERSONNEL ERROR  
 TOTAL

COMPONENT FAILURE  
 DEFECTIVE PROC.  
 DESIGN/FAB ERROR  
 EXTERNAL CAUSE  
 OTHER  
 PERSONNEL ERROR  
 TOTAL

# COMBUSTION ENGINEERING PARTS

	1978	1977	1976	1975
<b>ARKANSAS 2</b>				
COMPONENT FAILURE	11	-	-	-
DEFECTIVE PROCEDURES	1	-	-	-
DESIGN/FAB ERROR	7	-	1	1
EXTERNAL CAUSE	2	-	-	-
OTHER	4	-	-	-
PERSONNEL ERROR	6	-	-	-
TOTAL	31	-	1	1
<b>CALVERT CLIFFS 1</b>				
COMPONENT FAILURE	24	48	34	40
DEFECTIVE PROC.	4	9	-	4
DESIGN/FAB ERROR	-	6	3	7
EXTERNAL CAUSE	3	2	1	2
OTHER	11	40	14	4
PERSONNEL ERROR	9	19	4	10
TOTAL	51	124	56	67
<b>CALVERT CLIFFS 2</b>				
COMPONENT FAILURE	35	58	11	-
DEFECTIVE PROC.	2	1	-	-
DESIGN/FAB ERROR	2	6	3	-
EXTERNAL CAUSE	-	1	-	-
OTHER	4	15	4	-
PERSONNEL ERROR	8	12	2	-
TOTAL	51	93	20	-
<b>FOOT CALDOWN</b>				
COMPONENT FAILURE	33	29	25	22
DEFECTIVE PROC.	1	2	3	2
DESIGN/FAB ERROR	9	7	3	3
EXTERNAL CAUSE	-	-	5	1
OTHER	2	5	2	-
PERSONNEL ERROR	1	4	8	3
TOTAL	46	47	46	31

	1978	1977	1976	1975
MAIN Y QUAYE				
COMPONENT FAILURE	13	6	11	6
DEFECTIVE PROCEDURES	1	-	-	3
DESIGN/FAB ERROR	1	-	-	2
EXTERNAL CAUSE	-	-	2	1
OTHER	1	2	2	1
PERSONNEL ERROR	14	5	2	2
TOTAL	29	13	17	15

MILLSDALE 2				
COMPONENT FAILURE	20	30	28	19
DEFECTIVE PROC.	3	1	2	5
DESIGN/FAB ERROR	3	6	13	11
EXTERNAL CAUSE	-	3	2	1
OTHER	1	14	23	6
PERSONNEL ERROR	5	8	5	11
TOTAL	32	62	73	53

DALISADES				
COMPONENT FAILURE	17	21	13	17
DEFECTIVE PROC.	2	4	1	15
DESIGN/FAB ERROR	3	4	9	4
EXTERNAL CAUSE	-	4	1	-
OTHER	7	8	12	3
PERSONNEL ERROR	17	12	4	6
TOTAL	47	53	40	45

ST. LUCIE				
COMPONENT FAILURE	24	22	16	3
DEFECTIVE PROC.	1	-	6	1
DESIGN/FAB ERROR	8	12	16	2
EXTERNAL CAUSE	-	4	1	-
OTHER	7	10	4	-
PERSONNEL ERROR	8	5	14	1
TOTAL	48	53	57	7

# WESTINGHOUSE PLANTS

	1978	1977	1976	1975
BEAUM VALLEY 1				
COMPONENT FAILURE	28	44	32	1
DEFECTIVE PROCEDURES	6	4	6	-
DESIGN/FAB ERROR	1	8	10	-
EXTERNAL CAUSE	4	6	8	-
OTHER	14	47	16	-
PERSONNEL ERROR	13	19	26	1
TOTAL	66	128	98	2

	1978	1977	1976	1975
D.C. COOK 1				
COMPONENT FAILURE	21	21	27	31
DEFECTIVE PROC.	4	3	5	9
DESIGN/FAB ERROR	8	5	3	9
EXTERNAL CAUSE	1	1	3	3
OTHER	12	5	15	13
PERSONNEL ERROR	19	15	12	10
TOTAL	65	50	65	75

	1978	1977	1976	1975
D.C. COOK 2				
COMPONENT FAILURE	37	-	-	-
DEFECTIVE PROC.	5	-	-	-
DESIGN/FAB ERROR	11	-	-	-
EXTERNAL CAUSE	-	-	-	-
OTHER	21	-	-	-
PERSONNEL ERROR	30	-	-	-
TOTAL	104	-	-	-

	1978	1977	1976	1975
FAIRFAX 1				
COMPONENT FAILURE	51	39	1	-
DEFECTIVE PROC.	4	8	-	-
DESIGN/FAB ERROR	3	2	2	4
EXTERNAL CAUSE	2	1	-	-
OTHER	13	12	-	-
PERSONNEL ERROR	14	17	1	-
TOTAL	87	79	3	4

	1978	1977	1976	1975
R.E. GUNNA				
COMPONENT FAILURE	6	12	19	11
DEFECTIVE PROCEDURES	-	1	1	2
DESIGN/FAB ERROR	-	6	8	3
EXTERNAL CAUSE	-	-	1	1
OTHER	1	2	2	4
PERSONNEL ERROR	3	7	2	5
TOTAL	10	28	32	25

	1978	1977	1976	1975
HADDAM NECK				
COMPONENT FAILURE	12	15	9	2
DEFECTIVE PROC.	-	1	1	-
DESIGN/FAB ERROR	4	6	5	1
EXTERNAL CAUSE	4	-	3	1
OTHER	8	11	2	1
PERSONNEL ERROR	5	3	2	2
TOTAL	33	36	22	7

	1978	1977	1976	1975
INDIAN POINT 2				
COMPONENT FAILURE	24	30	16	18
DEFECTIVE PROC.	3	1	1	3
DESIGN/FAB ERROR	1	1	1	2
EXTERNAL CAUSE	1	-	1	1
OTHER	4	4	7	2
PERSONNEL ERROR	2	3	7	2
TOTAL	35	39	31	28

	1978	1977	1976	1975
INDIAN POINT 3				
COMPONENT FAILURE	25	17	37	-
DEFECTIVE PROC.	1	-	1	1
DESIGN/FAB ERROR	2	-	-	-
EXTERNAL CAUSE	1	2	-	-
OTHER	4	4	7	-
PERSONNEL ERROR	-	-	5	-
TOTAL	33	23	50	1

	1978	1977	1976	1975
<b>Kewanee</b>				
COMPONENT FAILURE	17	23	20	10
DEFECTIVE PROCEDURES	3	3	3	1
DESIGN/FAB ERROR	1	-	1	4
EXTERNAL CAUSE	-	-	1	-
OTHER	12	5	4	6
PERSONNEL ERROR	4	10	10	5
<b>TOTAL</b>	<b>37</b>	<b>41</b>	<b>38</b>	<b>26</b>

	1978	1977	1976	1975
<b>North Area 1</b>				
COMPONENT FAILURE	5	-	1	-
DEFECTIVE PROC.	4	1	-	-
DESIGN/FAB ERROR	24	11	4	-
EXTERNAL CAUSE	1	-	-	-
OTHER	25	1	-	1
PERSONNEL ERROR	24	1	-	-
<b>TOTAL</b>	<b>129</b>	<b>14</b>	<b>5</b>	<b>1</b>

	1978	1977	1976	1975
<b>Point Beach 1</b>				
COMPONENT FAILURE	12	9	10	11
DEFECTIVE PROC.	-	1	-	-
DESIGN/FAB ERROR	1	-	2	1
EXTERNAL CAUSE	-	1	-	-
OTHER	1	-	1	1
PERSONNEL ERROR	6	4	-	4
<b>TOTAL</b>	<b>20</b>	<b>15</b>	<b>13</b>	<b>17</b>

	1978	1977	1976	1975
<b>Point Beach 2</b>				
COMPONENT FAILURE	7	8	12	6
DEFECTIVE PROC.	-	-	-	2
DESIGN/FAB ERROR	-	-	-	-
EXTERNAL CAUSE	-	-	-	-
OTHER	1	3	1	-
PERSONNEL ERROR	3	2	3	1
<b>TOTAL</b>	<b>11</b>	<b>13</b>	<b>16</b>	<b>9</b>

	1978	1977	1976	1975
PRATRISLAND 1				
COMPONENT FAILURE	3	20	14	13
DEFECTIVE PROCEDURES	-	2	2	6
DESIGN/FAB ERROR	3	-	-	6
EXTERNAL CAUSE	1	7	12	4
OTHER	7	9	30	13
PERSONNEL ERROR	8	6	9	4
TOTAL	22	44	67	46

	1978	1977	1976	1975
PRATRISLAND 2				
COMPONENT FAILURE	7	11	12	8
DEFECTIVE PROC.	-	1	3	2
DESIGN/FAB ERROR	-	2	?	-
EXTERNAL CAUSE	-	-	-	1
OTHER	-	4	1	2
PERSONNEL ERROR	3	3	6	6
TOTAL	10	21	24	19

	1978	1977	1976	1975
ROBNSD 2				
COMPONENT FAILURE	19	16	7	11
DEFECTIVE PROC.	4	2	1	1
DESIGN/FAB ERROR	1	1	5	3
EXTERNAL CAUSE	-	1	-	-
OTHER	1	4	-	-
PERSONNEL ERROR	5	8	5	4
TOTAL	30	32	18	19

	1978	1977	1976	1975
SAVEN 1				
COMPONENT FAILURE	39	41	11	-
DEFECTIVE PROC.	5	2	3	-
DESIGN/FAB ERROR	3	7	6	-
EXTERNAL CAUSE	2	11	-	-
OTHER	5	12	5	-
PERSONNEL ERROR	16	21	11	-
TOTAL	80	94	36	1

	1978	1977	1976	1975
SAD ONTARIO 1				
COMPONENT FAILURE	6	4	7	5
DEFECTIVE PROCEDURES	1	-	-	-
DESIGN/FAB ERROR	2	5	2	1
EXTERNAL CAUSE	-	-	1	2
OTHER	1	2	-	3
PERSONNEL ERROR	2	3	4	-
TOTAL	12	15	14	11

	1978	1977	1976	1975
SIMY 1				
COMPONENT FAILURE	23	12	18	25
DEFECTIVE PROC.	1	-	2	4
DESIGN/FAB ERROR	4	3	3	1
EXTERNAL CAUSE	4	1	3	2
OTHER	7	2	3	-
PERSONNEL ERROR	12	4	6	14
TOTAL	51	22	35	46

	1978	1977	1976	1975
SIMY 2				
COMPONENT FAILURE	22	9	20	18
DEFECTIVE PROC.	2	2	1	3
DESIGN/FAB ERROR	4	3	-	2
EXTERNAL CAUSE	1	-	-	-
OTHER	3	3	-	-
PERSONNEL ERROR	5	3	2	2
TOTAL	37	20	23	25

	1978	1977	1976	1975
PROJ A				
COMPONENT FAILURE	7	20	19	2
DEFECTIVE PROC.	4	3	9	1
DESIGN/FAB ERROR	5	5	8	-
EXTERNAL CAUSE	1	1	1	-
OTHER	1	5	7	-
PERSONNEL ERROR	8	11	10	2
TOTAL	26	45	53	5

	1978	1977	1976	1975
Turkey Point 3				
COMPONENT FAILURE	8	2	8	7
DEFECTIVE PROCEDURES	-	-	-	-
DESIGN/FAB ERROR	4	1	1	1
EXTERNAL CAUSE	-	1	-	-
OTHER	3	4	1	-
PERSONNEL ERROR	-	1	1	3
TOTAL	15	9	11	11

	1978	1977	1976	1975
Turkey Point 4				
COMPONENT FAILURE	6	4	5	4
DEFECTIVE PROC.	1	-	-	6
DESIGN/FAB ERROR	3	1	2	2
EXTERNAL CAUSE	5	1	-	-
OTHER	-	4	-	-
PERSONNEL ERROR	-	4	-	2
TOTAL	15	14	7	14

	1978	1977	1976	1975
Yankee Point				
COMPONENT FAILURE	21	32	5	12
DEFECTIVE PROC.	1	-	-	1
DESIGN/FAB ERROR	3	3	1	2
EXTERNAL CAUSE	-	-	1	-
OTHER	10	17	3	-
PERSONNEL ERROR	5	9	5	4
TOTAL	40	61	15	19

	1978	1977	1976	1975
Zion 1				
COMPONENT FAILURE	60	56	38	19
DEFECTIVE PROC.	2	1	4	-
DESIGN/FAB ERROR	8	2	3	5
EXTERNAL CAUSE	7	4	2	1
OTHER	6	5	14	3
PERSONNEL ERROR	16	11	5	8
TOTAL	99	79	66	32

	1978	1977	1976	1975
Z1002				
COMPONENT FAILURE	31	47	28	34
DEFECTIVE PROCEDURES	1	-	-	1
DESIGN/FAB ERROR	1	-	-	2
EXTERNAL CAUSE	3	2	1	2
OTHER	4	8	3	2
PERSONNEL ERROR	3	10	3	9
TOTAL	42	67	41	48

COMPONENT FAILURE
DEFECTIVE PROC.
DESIGN/FAB ERROR
EXTERNAL CAUSE
OTHER
PERSONNEL ERROR
TOTAL

COMPONENT FAILURE
DEFECTIVE PROC.
DESIGN/FAB ERROR
EXTERNAL CAUSE
OTHER
PERSONNEL ERROR
TOTAL

COMPONENT FAILURE
DEFECTIVE PROC.
DESIGN/FAB ERROR
EXTERNAL CAUSE
OTHER
PERSONNEL ERROR
TOTAL

# G E Parts

	1978	1977	1976	1975
Big Rock Point				
COMPONENT FAILURE	17	13	16	6
DEFECTIVE PROCEDURES	4	7	4	3
DESIGN/FAB ERROR	4	9	4	6
EXTERNAL CAUSE	1	-	1	-
OTHER	14	12	7	3
PERSONNEL ERROR	8	9	6	16
TOTAL	48	50	38	34

Brown's Ferry 1				
COMPONENT FAILURE	20	19	12	2
DEFECTIVE PROC.	1	-	3	-
DESIGN/FAB ERROR	8	1	5	3
EXTERNAL CAUSE	-	1	-	1
OTHER	2	3	-	-
PERSONNEL ERROR	2	7	4	5
TOTAL	33	31	24	11

Brown's Ferry 2				
COMPONENT FAILURE	27	9	7	4
DEFECTIVE PROC.	1	1	4	2
DESIGN/FAB ERROR	1	2	1	-
EXTERNAL CAUSE	-	1	-	-
OTHER	1	2	-	-
PERSONNEL ERROR	2	1	2	2
TOTAL	32	16	14	8

Brown's Ferry 3				
COMPONENT FAILURE	41	20	11	-
DEFECTIVE PROC.	4	-	1	-
DESIGN/FAB ERROR	21	1	1	2
EXTERNAL CAUSE	-	-	-	-
OTHER	13	2	-	1
PERSONNEL ERROR	15	-	4	1
TOTAL	94	23	17	4

	1978	1977	1976	1975
BRUNSWICK 1				
COMPONENT FAILURE	41	72	8	-
DEFECTIVE PROCEDURES	4	2	1	-
DESIGN/FAB ERROR	21	11	1	-
EXTERNAL CAUSE	-	9	1	-
OTHER	13		2	-
PERSONNEL ERROR	15	22	1	2
TOTAL	94	117	14	2

	1978	1977	1976	1975
BRUNSWICK 2				
COMPONENT FAILURE	41	49	102	104
DEFECTIVE PROC.	3	-	8	10
DESIGN/FAB ERROR	15	4	11	26
EXTERNAL CAUSE	-	-	1	-
OTHER	8	8	-	2
PERSONNEL ERROR	11	11	31	39
TOTAL	78	72	153	181

	1978	1977	1976	1975
COOPER				
COMPONENT FAILURE	14	36	32	31
DEFECTIVE PROC.	4	4	3	-
DESIGN/FAB ERROR	6	6	5	6
EXTERNAL CAUSE	-	2	2	3
OTHER	3	2	1	2
PERSONNEL ERROR	10	5	12	14
TOTAL	37	55	55	56

	1978	1977	1976	1975
DRESDEN				
COMPONENT FAILURE	16	26	10	8
DEFECTIVE PROC.	2	-	1	1
DESIGN/FAB ERROR	2	-	1	1
EXTERNAL CAUSE	1	1	-	1
OTHER	1	2	-	3
PERSONNEL ERROR	6	7	8	5
TOTAL	28	36	19	17

	1978	1977	1976	1975
<b>DUNSTON 2</b>				
COMPONENT FAILURE	37	49	43	20
DEFECTIVE PROCEDURES	1	4	3	3
DESIGN/FAB ERROR	2	4	5	5
EXTERNAL CAUSE	170	-	2	-
OTHER	2	5	5	4
PERSONNEL ERROR	11	17	15	14
TOTAL	53	79	73	46

	1978	1977	1976	1975
<b>DUNSTON 3</b>				
COMPONENT FAILURE	34	31	25	32
DEFECTIVE PROC.	-	1	1	3
DESIGN/FAB ERROR	4	5	4	6
EXTERNAL CAUSE	-	-	1	-
OTHER	3	3	1	1
PERSONNEL ERROR	7	16	3	5
TOTAL	48	56	35	46

	1978	1977	1976	1975
<b>DUNCAN ARWAD</b>				
COMPONENT FAILURE	13	41	46	48
DEFECTIVE PROC.	3	4	10	3
DESIGN/FAB ERROR	1	14	6	7
EXTERNAL CAUSE	74	2	2	-
OTHER	10	19	12	2
PERSONNEL ERROR	9	14	21	20
TOTAL	36	94	97	28

	1978	1977	1976	1975
<b>FITZ PATRICK</b>				
COMPONENT FAILURE	38	33	55	55
DEFECTIVE PROC.	15	7	8	16
DESIGN/FAB ERROR	3	2	3	7
EXTERNAL CAUSE	74	2	2	-
OTHER	31	13	13	3
PERSONNEL ERROR	21	15	10	8
TOTAL	109	72	91	89

	1978	1977	1976	1975
<u>HATCH 1</u>				
COMPONENT FAILURE	26	44	42	50
DEFECTIVE PROCEDURES	2	3	8	6
DESIGN/FAB ERROR	18	8	9	10
EXTERNAL CAUSE	-	-	-	-
OTHER	12	11	3	2
PERSONNEL ERROR	32	23	26	22
TOTAL	90	90	88	90

	1978	1977	1976	1975
<u>HATCH 2</u>				
COMPONENT FAILURE	18	-	-	-
DEFECTIVE PROC.	3	-	-	-
DESIGN/FAB ERROR	21	-	-	-
EXTERNAL CAUSE	-	-	-	-
OTHER	10	-	-	-
PERSONNEL ERROR	26	-	-	-
TOTAL	78	-	-	-

	1978	1977	1976	1975
<u>HUTCHINSON Bay</u>				
COMPONENT FAILURE	-	2	3	6
DEFECTIVE PROC.	-	2	2	-
DESIGN/FAB ERROR	1	1	-	1
EXTERNAL CAUSE	-	-	-	-
OTHER	1	-	1	-
PERSONNEL ERROR	2	2	3	1
TOTAL	4	7	9	8

	1978	1977	1976	1975
<u>MILLSIDE 1</u>				
COMPONENT FAILURE	16	30	27	24
DEFECTIVE PROC.	4	1	3	2
DESIGN/FAB ERROR	3	-	-	-
EXTERNAL CAUSE	-	3	7	7
OTHER	6	9	19	1
PERSONNEL ERROR	2	3	4	2
TOTAL	31	46	60	29

	1978	1977	1976	1975
<b>MONTICELLO</b>				
COMPONENT FAILURE	17	22	14	20
DEFECTIVE PROCEDURES	2	3	-	1
DESIGN/FAB ERROR	4	10	2	4
EXTERNAL CAUSE	1	2	1	2
OTHER	4	1	3	2
PERSONNEL ERROR	3	5	3	9
TOTAL	31	42	23	38

	1978	1977	1976	1975
<b>Nink The Point 1</b>				
COMPONENT FAILURE	29	48	16	34
DEFECTIVE PROC.	-	4	6	3
DESIGN/FAB ERROR	2	-	2	1
EXTERNAL CAUSE	-	-	2	1
OTHER	3	4	14	1
PERSONNEL ERROR	7	6	5	1
TOTAL	41	62	45	41

	1978	1977	1976	1975
<b>Oyster Creek</b>				
COMPONENT FAILURE	15	13	10	27
DEFECTIVE PROC.	1	1	1	1
DESIGN/FAB ERROR	13	4	4	4
EXTERNAL CAUSE	-	-	-	-
OTHER	8	9	11	2
PERSONNEL ERROR	8	2	6	8
TOTAL	35	29	29	42

	1978	1977	1976	1975
<b>Prach Bottom 2</b>				
COMPONENT FAILURE	30	35	85	84
DEFECTIVE PROC.	1	-	3	4
DESIGN/FAB ERROR	2	3	4	1
EXTERNAL CAUSE	2	3	4	6
OTHER	7	3	23	4
PERSONNEL ERROR	8	36	12	6
TOTAL	50	93	131	105

	1978	1977	1976	1975
Prach Bottom 3				
COMPONENT FAILURE	15	39	61	68
DEFECTIVE PROCEDURES	-	7	2	2
DESIGN/FAB ERROR	1	3	3	1
EXTERNAL CAUSE	-	-	-	-
OTHER	-	8	7	-
PERSONNEL ERROR	6	10	4	-
TOTAL	23	67	77	71

	1978	1977	1976	1975
PILGRIM				
COMPONENT FAILURE	16	23	13	8
DEFECTIVE PROC.	-	1	2	2
DESIGN/FAB ERROR	11	11	13	25
EXTERNAL CAUSE	12	6	3	-
OTHER	13	5	4	5
PERSONNEL ERROR	9	9	3	4
TOTAL	54	55	38	44

	1978	1977	1976	1975
Quad Cities 1				
COMPONENT FAILURE	26	39	28	14
DEFECTIVE PROC.	1	1	3	2
DESIGN/FAB ERROR	2	1	1	2
EXTERNAL CAUSE	-	2	-	-
OTHER	4	3	3	-
PERSONNEL ERROR	1	4	8	9
TOTAL	34	50	43	27

	1978	1977	1976	1975
Quad Cities 2				
COMPONENT FAILURE	32	31	12	32
DEFECTIVE PROC.	1	1	1	3
DESIGN/FAB ERROR	3	-	1	4
EXTERNAL CAUSE	-	-	-	-
OTHER	-	-	-	2
PERSONNEL ERROR	3	4	-	7
TOTAL	39	36	14	48

Vertical Yawnes

COMPONENT FAILURE  
 DEFECTIVE PROCEDURES  
 DESIGN/FAB ERROR  
 EXTERNAL CAUSE  
 OTHER  
 PERSONNEL ERROR  
 TOTAL

1978

1977

1976

1975

20  
 2  
 1  
 4  
 3  
 5  
 34

27  
 1  
 1  
 3  
 4  
 1  
 37

32  
 2  
 2  
 2  
 3  
 3  
 46

17  
 2  
 1  
 1  
 1  
 6  
 27

COMPONENT FAILURE  
 DEFECTIVE PROC.  
 DESIGN/FAB ERROR  
 EXTERNAL CAUSE  
 OTHER  
 PERSONNEL ERROR  
 TOTAL

COMPONENT FAILURE  
 DEFECTIVE PROC.  
 DESIGN/FAB ERROR  
 EXTERNAL CAUSE  
 OTHER  
 PERSONNEL ERROR  
 TOTAL.

COMPONENT FAILURE  
 DEFECTIVE PROC.  
 DESIGN/FAB ERROR  
 EXTERNAL CAUSE  
 OTHER  
 PERSONNEL ERROR  
 TOTAL.

# MISC.

	1978	1977	1976	1975
LACROSSE BWR				
COMPONENT FAILURE	7	4	7	5
DEFECTIVE PROCEDURES	1	-	2	1
DESIGN/FAB ERROR	-	1	1	1
EXTERNAL CAUSE	-	-	3	1
OTHER	4	1	2	1
PERSONNEL ERROR	2	1		1
TOTAL	14	6	17	9

	1978	1977	1976	1975
FR ST. VINCENT GAS COOPER				
COMPONENT FAILURE	13	23	16	17
DEFECTIVE PROC.	3	3	8	7
DESIGN/FAB ERROR	3	4	8	7
EXTERNAL CAUSE	-	-	1	1
OTHER	11	10	7	4
PERSONNEL ERROR	-	5	13	8
TOTAL	30	45	52	44

COMPONENT FAILURE
DEFECTIVE PROC.
DESIGN/FAB ERROR
EXTERNAL CAUSE
OTHER
PERSONNEL ERROR
TOTAL

COMPONENT FAILURE
DEFECTIVE PROC.
DESIGN/FAB ERROR
EXTERNAL CAUSE
OTHER
PERSONNEL ERROR
TOTAL