

1 of 1

GL07323-3

103

DATE: 12/10/75

FORM ANC-656 (REV. 12-72)

START TIME: 0840 (Pump On)

AEROJET NUCLEAR COMPANY

Flow RATE

PRESS. WELLHEAD

DRAWDOWN TUBE PRESS

PUMP DISCHG PRESS

TEMP. PUMP. DISCHG.

E.T.	QAP	QF	PWH	PDT	PW	WPH	PPD	TPI	TPD	AMP
HRS	PSID	GPM	PSIG	PSIG	lb/ft ³	ft	PSIG	°F	°F	AMPS
0810	1.6	550	40	225	—	—	—	—	274	—
0814	SHUT-IN									
0830	0	0	160	288	(BAD)	—	—	—	—	—
0840	Pump ON									
0845	10	1370	32	60	58.18	69.3	48	—	270	69
0850	7.6	1190	30	45	58.18	37.1	48	—	272	68
0855	7.1	1153	28	42	58.18	34.7	48	—	272	67
0900	6.8	1129	28	40	58.18	29.7	48	—	272	66.5
0905	6.6	1110	26	40	58.18	34.6	48	—	272	66.2
0915	6.05	1065	26	42	58.18	39.6	62	—	272	66.5
0930	5.95	1057	26	42	58.18	39.6	62	—	272	66.5
1000	5.80	1043	25	41	58.18	39.6	62	—	272	66.5
1030	5.75	1040	25	41	58.18	39.6	60	—	272	66.5
1100	5.65	1030	25	41	58.18	39.6	60	—	272	66.5
1145	5.6	1027	25	42	58.18	42.1	60	—	272	66
1330	5.45	1012	25	38	58.35	32.1	60	—	268	66.5
1420	5.40	1010	24	38	58.35	34.6	60	—	265	66
1430	BEGIN BYPASSING									
1450	2.2	640	34	103	58.22	192.9	98	—	270	70
1520	1.5	520	35	250	58.22	556.5	120	—	270	68
1700	0	0	150	340	58.22	779.1	510	—	—	—



5 h 50 min.

150 ft/min
 985" " 1555 ft
 1970 40-25=15 PSI = 37' - 37
 586

X = flow in at 175°F

$$4_{psi=10} \cdot 1 \frac{3}{4} \text{ in } 175^\circ\text{F} \quad (1010)(265) = (1010 - X)280 + 175X$$

$$267,650 = 282,800 - 280X + 175X$$

$$15,150 = 105X$$

X = 144 gpm