

Appendix 14B. Figures

Figure 14-1. Major Testing Milestone Schedule

(HISTORICAL INFORMATION - NOT REQUIRED TO BE REVISED)

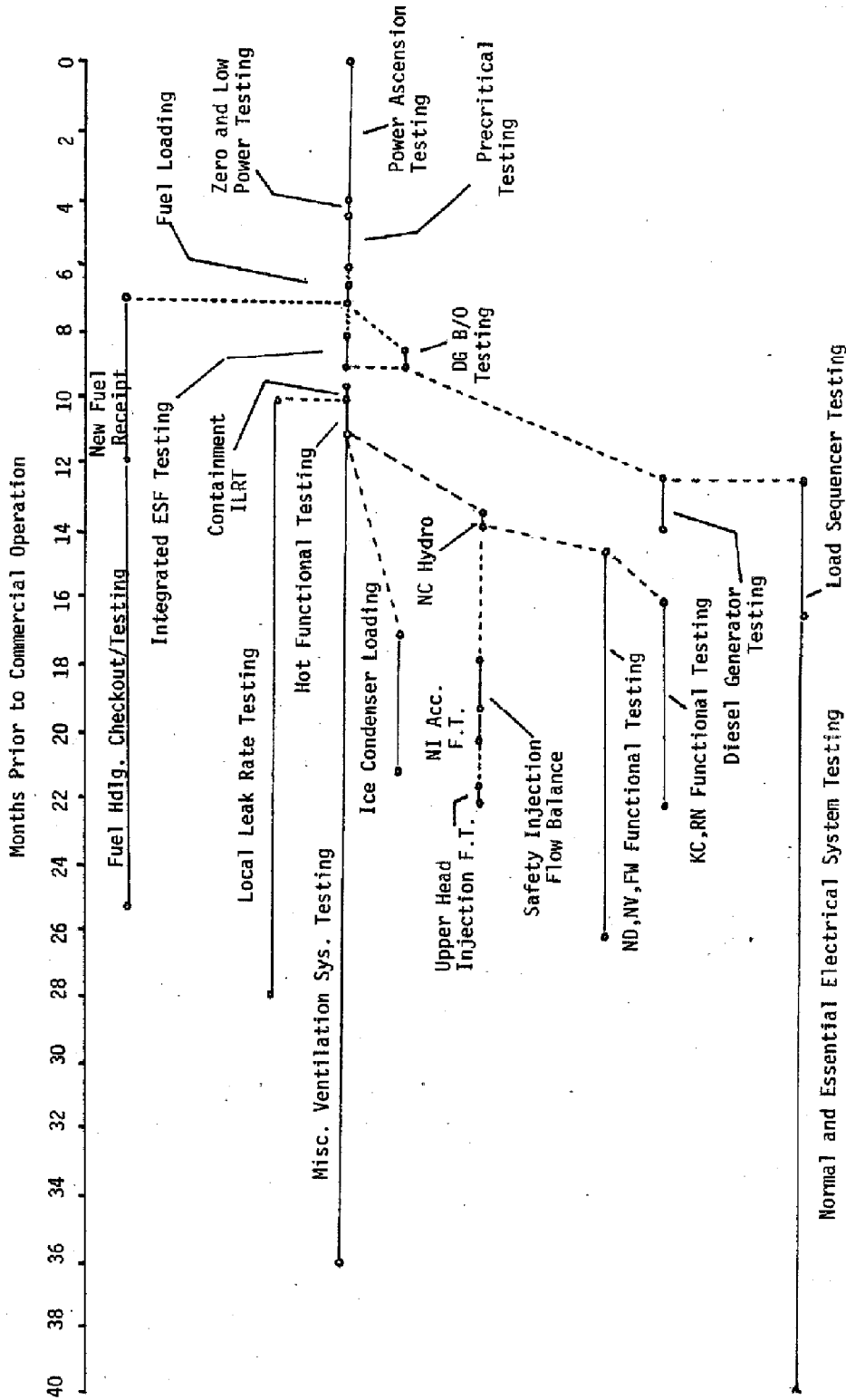


Figure 14-2. Testing Following Initial Fuel Loading

(HISTORICAL INFORMATION – NOT REQUIRED TO BE REVISED)

Fuel Loading	Hot Precritical Testing	Initial Criticality	Zero Power Physics Test	0% - 5% Power Post-Physics Testing	10% - 25% Power
Initial Fuel Loading	<ol style="list-style-type: none"> 1. Moveable Incore Detector Functional Test 2. Incore Thermocouple Functional Test 3. Incore Thermocouple and RTD Cross Calibration (Optional) 4. Rod Position Indication Check 5. Rod Control Cluster Assembly Drop Time Test 6. Rod Control System Alignment Test 7. Full Length Rod Drive Mechanism Timing Test 8. Reactor Coolant System Flow Test 9. Reactor Coolant System Flow Cooldown Test 10. RTD Bypass Flow Verification 11. Pressurizer Functional Test 	<ol style="list-style-type: none"> 1. Initial Criticality 	<ol style="list-style-type: none"> 1. Controlling Procedure for Zero Power Physics Testing: <ol style="list-style-type: none"> (a) Nuclear Instrumentation Overlap Verification (b) Onset of Nuclear Heat (c) All Rods Out Critical Boron (d) Isothermal Temperature Coefficient Test (e) Differential and Integral Worth of Sequenced Control Banks (f) Differential Boron Worth at Hot Zero Power (g) Integral Control Rod Worth with One Stuck Rod (Note 3) (h) Pseudo-Ejected RCCA worth at Hot Zero Power (Note 3) 	<ol style="list-style-type: none"> 1. Radiation Shielding Survey 2. Natural Circulation Verification (Note 3) 3. Unit Load Steady-State Test *4. Process and Effluent Radiation Monitor Test 5. NIS Initial Calibration 	<ol style="list-style-type: none"> 1. Loss of Control Room Test (Note 1) 2. Station Blackout Test (Note 1) 3. NIS Initial Calibration 4. Steam Generator Water Hammer Test

* The completion of this test is not required before initial escalation to the next power testing plateau.

NOTE 1: Tests will be completed prior to exceeding the 30% testing plateau.

NOTE 2: Test will be completed prior to exceeding the 75% testing plateau.

NOTE 3: Test will be performed on Unit 1 only.

~30% F. P.	~50% F. P.	~75% F. P.	~90% F. P.	~100% F. P.
1. Unit Load Steady State	1. Unit Load Steady State Test	1. Unit Load Steady State Test	1. Unit Load Steady State Test	1. Unit Load Steady State Test
2. Radiation Shielding Survey	2. Radiation Shielding Survey	2. Radiation Shielding Survey	2. NIS Initial Calibration	2. Radiation Shielding Survey
3. Rod Control System at Power Test	3. NIS Initial Calibration	3. NIS Initial Calibration	3. Core Power Distribution	3. NIS Initial Calibration
4. NIS Initial Calibration	4. Core Power Distribution Test	4. Core Power Distribution Test	*4. Feedwater Temperature Variation Test	4. Core Power Distribution Test (Note 3)
5. Core Power Distribution	5. Doppler Only Power Coefficient Verification (Note 3)	5. Doppler Only Power Coefficient Verification (Note 3)	5. Doppler only Power Coefficient Verification (Note 3)	5. Unit Load Transient Test
6. Pseudo Ejection Rod Test (Note 3)	6. Unit Load Transient Test	6. Unit Load Transient Test		6. Unit Loss of Electrical Load Test
7. Doppler Only Power Coefficient Verification (Note 3)	7. Below Bank Test (Note 3)	7. Incore and Nuclear Instrumentation System Detector Correlation		7. Process and Effluent Radiation Monitor Test
8. Unit Load Transient	8. Process and Effluent Radiation Monitor Test	8. Turbine Trip Test (power just below P-9 setpoint) (Note 2)		8. Support Systems Verification Test
9. Pressurizer Level and Pressure Control Test	9. Support Systems Verification Test			

* The completion of this test is not required before initial escalation to the next power testing plateau.

NOTE 1: Tests will be completed prior to exceeding the 30% testing plateau.

NOTE 2: Test will be completed prior to exceeding the 75% testing plateau.

NOTE 3: Test will be performed on Unit 1 only.