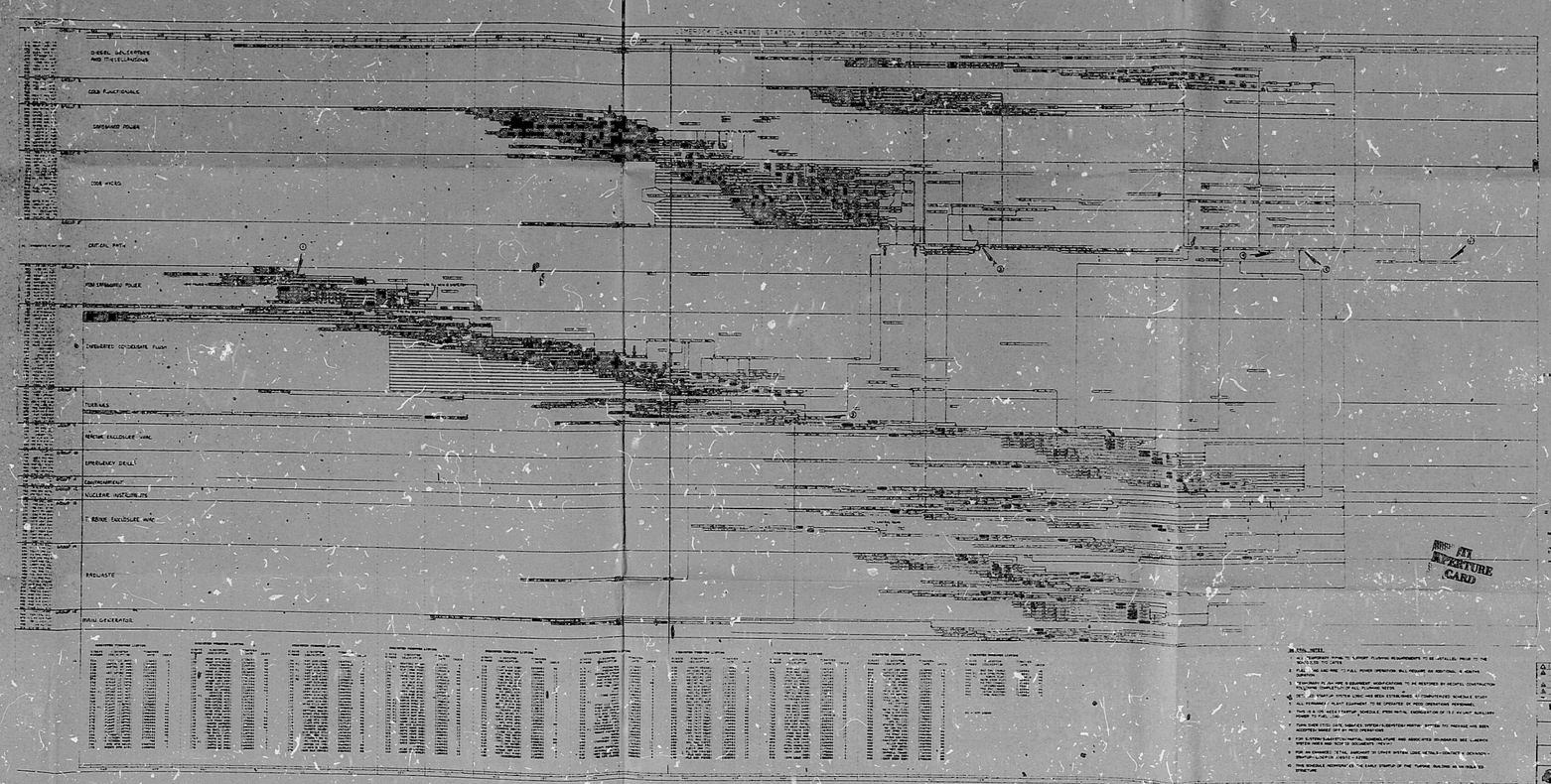


SCHEDULE CODE/LEGEND

1. THIS SCHEDULE LISTS ON INDIVIDUAL TURBINOSE PARTS THE PIECE OF UNIT IN WHICH ALARM ARE, THEIR KEY WORD AND ALARM LIMITS AND ALSO THE CHECK POINT NEEDED BETWEEN UNIT TIME AND FUEL LOAD.

2. CONSTRUCTION AND CONSTRUCTION WILL SUPPORT SYSTEM FLUSHING TURBINOSE SYSTEM AND SUBSEQUENT SYSTEM TESTING.

3. THE INITIAL STARTUP PROCEDURE (SUCH AS INITIAL HYDROSTATIC TEST, NOT TRUCKS, UNITS, TURBINE BUILDING, SYSTEMS AND ASSOCIATED TESTS.

4. INSTRUMENTS AND AUTOMATIC CONTROL LOOPS IN A SYSTEM SUPPORTING ANOTHER SYSTEM MUST BE FUNCTIONAL AND CALIBRATED PRIOR TO THE SCHEDULED TURBINOSE DATE OF THE SYSTEM SUPPORTED.

5. ELECTRICAL TRUNKED CIRCUITS IN A SYSTEM/SUBSYSTEM WILL BE FUNCTIONAL AND CALIBRATED PRIOR TO THE SCHEDULED TURBINOSE DATE. CIRCUITS NOT REQUIRED FOR SUBSYSTEM OPERATION WILL LAGGING PRIOR TO THE SCHEDULED TURBINOSE DATE OF THE SYSTEM/SUBSYSTEM.

6. APPROPRIATE NUMBERS OF SUPERVISORS, ENGINEERS, OPERATORS, ETC. TO BE ASSIGNED AS NEEDED.

7. LABELS

STARTUP TERMINOLOGY USED IN THE SCHEDULE IS LISTED AS FOLLOWS:

RELEASE — COMPLETE COMPONENT INSPECTION & TESTING (ALIGNMENT, CIRCUIT TESTS, ETC.)

INITIAL TEST — INITIAL SYSTEM OPERATION (OPERATION, ETC.)

PRE-OPERATIONAL TEST — THE PRE-OPERATIONAL TESTING, PERFORMANCE TESTING, ETC. (PRE-OPERATIONAL TESTS, ETC.)

NOTE: THE PRE-OPERATIONAL TESTING TO BE DONE BY COMPANY PERSONNEL OR ALL TEST REPORT TO THE SUPERVISOR PRIOR TO ALL TEST REPORTS TO BE SUBMITTED TO THE TESTING ENGINEER, TESTING.

NOTE: THE STARTUP LISTING TO BE ONE OF COMPONENT FUNCTION OR ALL TEST REPORT TO THE SUPERVISOR PRIOR TO ALL TEST REPORTS TO BE SUBMITTED.

8. TYPE OF MILESTONE EVENT
1. MILESTONE
2. MILESTONE INTERMEDIATE
3. MILESTONE INTERMEDIATE
4. MILESTONE INTERMEDIATE
5. MILESTONE INTERMEDIATE
6. MILESTONE AT POWER TESTS
7. COMPLETE LEAK RATE CHECK
8. INITIAL FUEL LOAD (CORE COMPLETE)

9. CRITICAL NOTES

1. TEMPORARY SUPPORTS SUPPORT PLANNING REQUIREMENTS TO BE INSTALLED PRIOR TO THE INITIAL FUEL LOAD.

2. FULL — NO LIMITS — FULL POWER OPERATION WILL REQUIRE AN ADDITIONAL 4 MONTHS FOR TESTING.

3. TEMPORARY PLANT PIPE & EQUIPMENT MODIFICATIONS TO BE PERFORMED BY HOSPITAL CONTRACTOR FOLLOWING COMPLETION OF WALL PLANNING NOTES.

4. NOT AT STARTUP SYSTEM LOAD, HAS BEEN EXTRAPOLATED TO COMPUTERIZED SCHEDULE STUDY.

5. ALL PERMANENT / PLANT EQUIPMENT TO BE OPERATED BY PROD OPERATIONS PERSONNEL.

6. THIS IS A LIN SCHEDULE STARTUP SCHEDULE UPON INITIAL ENERGIZATION OF 13.2 KV UNIT AUXILIARY POWER TO THE UNIT AUXILIARY.

7. TURBINE OVER SPEED TRIP, SAFETY VALVES & SERVICE WATER PUMPS — SYSTEM DRY PRESSURE HAS BEEN ACCEPTED BASED ON AN PROD OPERATION.

8. FOR ALTERNATE SUPPORTS, CONSTRUCTION AND ASSOCIATED DRAWINGS SEE LIMERICK SYSTEM INDEX AND TEST CD DOCUMENTS INDEXES.

9. FOR AN ENHANCED, TOTAL, SUPPORT OF OTHER SYSTEMS LOOKS NETWORK DEVELOPMENT STARTUP / LIMERICK / SEATS / ASTRO.

10. SCHEDULE INCORPORATES THE EARLY STARTUP OF THE TURBINE BUILDING AS AN ISSUE TO STRUCTURE.

| | | |
|---|---|---|
| A | 1-1-77 | GENERAL REVISION OF NOTES & CHANGES |
| B | 1-1-77 | GENERAL REVISION OF NOTES & CHANGES |
| C | 1-1-77 | GENERAL REVISION OF NOTES & CHANGES |
| D | 1-1-77 | GENERAL REVISION OF NOTES & CHANGES |

Bechtel Power Corporation
SAN FRANCISCO

LIMERICK GENERATING STATION
PHILADELPHIA ELECTRIC COMPAN

PLANT STARTUP SCHEDULE
TURNOVER / PERFORMANCE TESTS
UNIT 1 AND COMMON

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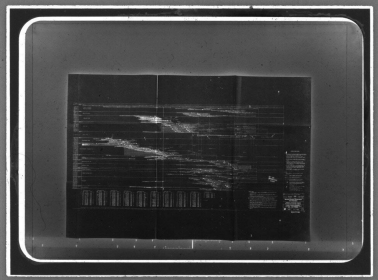

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