

STATUS OF
BUILDINGS AT PLUM BROOK STATION

November 15, 1985

<u>FACILITY NO., NAME AND (NO. OF STRUCTURES)</u>	<u>ACTIVE</u>	<u>INACTIVE</u>	<u>STANDBY</u>
1100 Complex, PBRF (25)			X (Protected Safe Storage)
1400 Complex, SPF (12)	X (Garrett)		
2100 Complex, A-Site (2)		X*	
2200 Complex, C-Site (3)		X*	
2300 Complex, D-Site (3)	X (DOI)		
2400 Complex, E-Site (2)		X**	
2500 Complex, F-Site (2)		X*	
2600 Complex, I-Site (2)		X*	
2700 Complex, J-Site (4)		X*	
2800 Complex, K-Site (3)			X
3100 Complex, B-1 (3)		X**	
3200 Complex, B-2 (7)			X
3300 Complex, B-3 (2)		X**	
3400 Complex, HTF (3)			X
5131 Compressor Bldg (1)		X*	X
5221 Shop Bldg (1)	X		
5231, Boiler Bldg (1)			X

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5232, Valve House (1)			X
5300, Gas Handling Complex (6)	X (DOI)	X*	X
5411, B-Control (1)			X
5412, H-Control (1)			X
7121, Maintenance Building (1)		X*	
7122, Carpenter Shop (1)	X		
7123, Locomotive Shop (1)	X		X
7131, Garage (1)	X		
7141, Engineering Building (1)	X		
7143, Chemical Laboratory (1)	X		
7233, Plant Prot Bldg (1)	X		
7234, Boiler House (1)	X		
8131, Big Island Pump Sta (1)	X		
8132, Rye Beach Pump Sta (1)	X		
8133, Pump Station No. 1 (1)	X		
8151, Raw Water Tower (1)	X		

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8152, Raw Water Tower (1)		X	
8231, Domestic Water Pump House (1)	X		
8251, Domestic Water Tower (1)	X		
8300 Complex, Sewage Treatment (16)	X		
8500 Complex, Substations (3)	X		
8931, Incinerator (1)		X*	
9000 Complex Warehouses (14) Magazines (99)	X		

All utilities distribution systems, consisting of electrical power and associated substations, natural gas, domestic water, and raw water are active.

* Currently used as warehouses

** Demolition Pending

ACTIVE - All utilities and plant equipment, if required, are operational. "Active Status" buildings are in use during Standby mode and include utility equipment structures, warehouses, and facilities occupied by Station staff and resident personnel. These buildings are maintained commensurate with occupancy requirements.

INACTIVE - Inactive status facilities are being retained at a level necessary to prevent structural deterioration and protect government investment. Institutional utility services to these facilities are maintained in a secured condition. All research related equipment in research facilities which are not maintained in a standby mode has been removed and processed for redistribution.

STANDBY - Standby research and ancillary support structures are maintained in a condition whereby the primary facility, without major expenditures for repair, can be made operational and ready to accept a test article within approximately 12 months.

GENERAL STATEMENT - STANDBY MODE: A standby mode shall be defined as that condition from which any building of the station may be returned to full operation with reasonable effort and in a reasonable time period without major expenditures of resources for repair and/or rehabilitation. The effort required to resume operations at a future date will vary somewhat from building to building.

While in this standby mode, maintenance and the operation of vital equipment and systems shall be continued at a minimum level necessary to prevent a loss of Government investment.

To accomplish the above when in a standby mode, all buildings will have one of the following end condition classifications.

1. Active
2. Readiness 1
3. Readiness 2
4. Readiness 3

ACTIVE: In an active status, all necessary utilities, all plant equipment, and all utilities special are on and operating. Some warehouses could be in an active status and yet not have any of the above mentioned utilities, plant equipment, and utilities special. These buildings will be in use during standby mode. Any other condition pertaining to any of these buildings shall be so stated in the End Condition Statement. All buildings in the active status shall be protected by a Building Preservation Control.

READINESS 1: In a readiness 1 status only the utilities and/or plant equipment are on and operating that are necessary to provide a minimum amount of heat and power for prevention of building deterioration and/or because of some projected use during standby mode. Any other condition pertaining to any of these buildings shall be so stated in the building End Condition Statement. All of the buildings in the Readiness status shall be protected by a Building Preservation Control.

READINESS 2: In the Readiness 2 status any building so classified shall not have any of the available utilities, plant equipment, or utilities special on and operating. Everything shall be protected, preserved and secured. These buildings can be reactivated with a minimum cost. Deterioration is a factor considered. Any other condition pertaining to any of these buildings shall be so stated in the building End Condition Statement. The buildings shall be protected by a Building Preservation Control.

READINESS 3: In the Readiness 3 status any buildings so classified and are beyond economical repair shall not have deterioration considered. Any other condition pertaining to any of these buildings shall be so stated in the End Condition Statement. These buildings are not under any Building Preservation Control unless so stated in the End Condition Statement for that particular building.

In the event the station is reactivated, Readiness 3 buildings will be considered ones that have served their usefulness and/or are beyond economical repair.

The buildings shall be broken down after classification into three groups as follows:

1. Utilities
2. Plant Equipment
3. Utilities Special

Utilities

1. Natural Gas
2. Fuel Oil
3. Electricity
4. Water
 - a. Raw Water
 - b. Domestic Water
5. Service Air
6. Waste Disposal

Plant Equipment

- | | |
|----------------------|-------------------|
| 1. Cranes | 9. Air Compressor |
| 2. Elevators | 10. Generators |
| 3. Hoists | |
| 4. Saws | |
| 5. Hot Water Heaters | |
| 6. Boilers | |
| 7. Unit Heaters | |
| 8. Air Conditioning | |

Utilities Special

1. Cryogenics
2. High Pressure Gases
3. Corrosive Systems
4. Hydraulic Systems

NOTE: The utilities, plant equipment and utilities special listed may or may not be available in any particular building. The classification of the building and its End Condition Statement shall clarify the types of utilities, plant equipment and utilities special available. All shop equipment shall either be removed for storage or preserved in place under the preservation control program at the time of the building shut down and shall be so noted in the End Condition Statement. The above will be safeguarded against improper use by any unauthorized person or persons. The method of safe guarding will be outlined in the individual building shut down procedure.

(Cont. next)

Preservation Control:

Under the statement preservation control for buildings, it is expected that Station personnel on duty during shutdown will provide the following:

- (a) All buildings shall be monitored periodically for rodent entry, wind and storm damage, and action shall be taken as required.

Pest Control:

Under the statement Pest Control all vents, penetrations, openings, etc. are sealed. All pesticides shall be placed in strategic locations and replaced as required.