

NUCLEAR POWER BUSINESS UNIT
OPERATIONS PERIODIC CHECKS

PC 1 PART 2
NNSR
Revision 28
January 25, 1997

MONTHLY HEATING AND VENTILATION
SYSTEM CHECKS, UNIT 1 TURBINE HALL

Date _____
DSS _____
Operations Manager _____

RECORD

PROCEDURE VERIFIED CURRENT AND CHECKED FOR TEMPORARY CHANGES. IF FIELD
COPIES REQUIRED, USE PBF-0026; IAW NP 1 2 4 AND DO NOT COMPLETE THIS BLOCK.

BY: _____ DATE: _____

1.0 PURPOSE

To check the condition of filters in the heating and ventilation systems for replacement or heating.

2.0 PRECAUTIONS AND LIMITATIONS

Wear gloves while handling filters.

3.0 INITIAL CONDITIONS

None

NOTE 1: All filter material received from the storeroom must have a completed storeroom requisition form, Form 1633.

NOTE 2: All disposable filters are stored in the No. 2 warehouse.

INITIALS

4.0 PROCEDURE

4.1 Check condition of the following disposable filters and replace as necessary:

4.1.1 Unit 1 rod control electrical equipment room supply (1W51, F97)

(24) 16" x 20" x 2 fiberglass filters (911-7695)

4.1.2 Operations office vent fan (W166, F24)

(2) 16" x 25" x 2 fiberglass filters (911-7687)

(2) 20" x 20" x 2 fiberglass filters (911-8152)

(3) 16" x 20" x 2 fiberglass filters (911-7695)

4.1.3 Auxiliary feed pump area (W-46, F-96)

(18) 16 x 20 x 2 fiberglass filters (911-7695)

4.1.4 Auxiliary feed pump area (W-46A, F-96A)

(6) 20 x 25 x 2 fiberglass filters (911-8489)

(1) 16 x 25 x 2 fiberglass filters (911-7687)

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INITIALS

NOTE: *Preferred fans as follows:*
Even months W46
Odd months W46A

- a. Request that Control Room switch operation of the
W46/W46A aux feed pump area cooling fans.

Ensure standby selector switch is aligned to the standby fan
and the preferred fan label is under the running fan.

- 4.1.5 Battery room supply duct (W-10A&B, F-94 A&B)
(2) 12 x 24 x 1 fiberglass filters (911-8039)

- 4.1.6 South gatehouse, east equipment room door, air intake
openings (W83, F105)
(2) 16 x 25 x 2 fiberglass filters (911-7687)

NOTE: *Change bus duct filters regardless of appearance during
months of May through October.*

- 4.1.7 Generator bus duct cooling unit (1W45A&B, 1F-95)
(1) 16' 20' 2 (911-7695)

CAUTION **WORK ON ONLY ONE SUCTION GRILL AT A
TIME.**

- 4.1.8 Office area reprographics AC unit (W145, F109) in overhead
above small copying machine.
- (2) 20'20'1 fiberglass filter - suction grills (914-9899)
- (1) 18'25'1 fiberglass filter - inside W145 unit (914-9900)

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NOTE: *Change glide pack filters when filter D/P is 1.0 or greater.*

- 4.1.9 Control room recirc and supply (W-13B, 1 & 2) (F-43)
(8) 24 X 24 X 2 roughing filter (911-8616)
(4) 12 X 24 X 2 roughing filter (911-8624)
- (8) HP-200 high pressure glide pack filters/disposable media
(911-9027)
- (4) HP-200 high pressure glide pack filters/disposable media
(911-9035)

PMT

Check glide pack filter D/P < 1.0.

- 4.1.10 Computer room fan (W-107A&B, F-107)
(6) 20 X 25 X 2 fiberglass filters (911-8489)

- 4.2 Check the following Roll-Kleen filters. Advance until half of entire filter area is replaced with new media. If near run out, replace. Leave filter advance in off.

NOTE: (911-8241, 5' wide) (911-8233, 4' wide)

- 4.2.1 F17, main office area (W17) (911-8133)
- 4.2.2 F19, service building supply (W23) (911-8233)
- 4.2.3 F42, cable spreading room supply (W13A, 1 & 2) (911-8241)

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INITIALS

NOTE: *If replacement HX-71 media required, measure old media so as to determine applicable lot number:*

16 ' 20 ' 2 (911-8101)

20 ' 25 ' 2 (911-8110)

4.3 Clean the following industrial heater washable filters and reinstall (February and August only):

4.3.1 1HX-71A (El. 46')

4.3.2 1HX-71B (El. 46')

4.3.3 1HX-71C (El. 46')

4.3.4 1HX-71D (El. 26')

4.3.5 1HX-71G (El. 8')

4.3.6 1HX-71H (El. 8')

4.3.7 1HX-71J (El. 8')

4.3.8 1HX-71K (El. 8')

4.3.9 HX-65A (CST area) G-01 Room

4.3.10 HX-65B (CST area) G-02 Room

4.3.11 HX-78 (CST area) Air Compressor Room

Quantity: 2 (Washable)

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SYSTEM CHECKS, UNIT 1 TURBINE HALL

INITIALS

- 4.4 Technical Support Center El. 18.5' (At Grade) (W-93, F51) (Replace on even months) (9) 20x25x2

4.4.1 Use the provided long hook to remove filter and frame unit. _____

4.4.2 Use gloves when handling filter frames (sharp edges). _____

4.4.3 Ensure replacement pads are installed with coated sides towards outside air intake; the pad retainers should also be towards the outside, but bent to remain inside the frame of the filter. _____

- 4.5 C-207 INVERTER PANEL FILTERS IN AUXILIARY FEED PUMP ROOM AND 1HX-259 ION CHROMATOGRAPH A/C FILTER ACROSS FROM SECONDARY SAMPLE PANEL

C-207/HX-259

- 4.5.1 Remove filter retainer and filter media (2 on C-207, 1 on HX-259). _____

4.5.2 Clean filter media with soap and water. _____

4.5.3 Blow dry and apply a light coat of oil. (LPS-3 recommended) _____

4.5.4 Replace filter media and retainer. _____

- 4.6 HOT WATER CONVERTER PUMP AND MOTORS

Type of lubricant required: Rykon Industrial No. 32

- 4.6.1 (P-83) Motor - Sealed bearings

Pump - Check oil level cup on side of pump shaft sleeve bearing at one-half to three-quarters full. Add oil if necessary through fill cups to top of bearing. _____

- 4.6.2 (P-84) Motor - Sealed bearings

Pump - Same as P83 pump _____

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4.7 F-167A,B,C; South Service building supply (W-29)

4.7.1 F-167A Prefilter

(4) 24x24x12 (915-0167)

(4) 12x24x12 (915-3419)

Change filters during months of April and October regardless of
as found condition.

4.7.2 F-167B Bag Filter

(4) 24x24x12 (914-0361)

(4) 12x24x12 (914-0379)

Change filters only during the month of October.

4.7.3 F-167C Charcoal Filter

(4) 24x24x12 (915-3449)

(4) 12x24x12 (915-3512)

Change filters only during the month of October.

Remarks: