PLAINTIFF'S EXHIBIT
WH-882

PENGAD-Bayonne, N.J.

From : A-Unit Mfg. Engrg.
WIN :
Date : May 24, 1976
Subject: Substitutions for Asbestos

TO: M. P. Whittington, O-105
A. Glaudel, O-200
P. Weil, G-306

SUMMARY OF PROGRESS

BLANKETS - All future insulation blankets will be covered with fiber glass cloth as soon as existing stocks of asbestos cloth are depleted. The present plan is to use 18.5 Oz. cloth that is presently stocked by Gas Turbine Stores. We are presently experimenting with heavier oz. fabrics up to 40 oz. to see if the extra cost will be offset by the longer blanket life. The only other existing problem is the asbestos thread used for sewing and quilting. I feel this is no real problem. It is a matter of finding one which will run in our existing sewing machines. We have acquired approx. 6 samples to date from Pacor and they are continuing to look on the market for a thread that we can use. An alternate solution would be to buy new equipment or rebuild or customize our equipment.

CLOTH TREATED - This cloth is cut into (8-10) inch wide strips for wraping castings, etc. for induction annealing. Fiber Glass was substituted on a trial basis during one annealing process in the S-Bldg. area and it provided the same insulation properties as asbestos. All future (8-10) inch strips will be fiber glass as soon as existing stocks of asbestos are depleted. See letter dated 5-13-76 attached.

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FORM 3504 U

.375 SLEEVING - All the asbestos sleeving (ID-951934) is presently being replaced with fiber glass ID-951935. I have instructed the Purchasing Dept. through Ledgers to cancel an existing order for asbestos sleeving and to re-order the new fiber glass type. This new fiber glass sleeving is now being used in our S-Bldg. area - see attached letter dated 5-17-76.

TAPE - The 1.25 wide asbestos tape will be replaced with a 1.50 wide fiber glass woven tape ID-952017. I have instructed Stores Ledgers to cancel existing orders and replenish our stocks with this new material - see letter dated 5-17-76.

ASBESTOS .375 SQ. IN. BRAIDED PACKING UNGRAPHITED - ID-316798, PDS-41511EB, GRAPHITED ID-316820, PDS-41521DF

These materials are used in S-Bldg. area for hydro and steam testing of castings and fabrications. No known substitute is available at the time of writing. Pacor is presently looking on the fiber glass market for a possible substitute. I feel the graphited type may meet OSHA requirements because of its heavy impregnation of graphite and its apparant dustfree appearance. It may also be possible to use only the graphited type for all operations thus eliminating the ungraphited if no substitute can be found.

GASKET MTL. (GARLOCK) PDS-42251AB ASBESTOS SHEET REFER STD $\frac{P}{H}$ 630.2
ID-316684 - .0312 Thk. (5x5) Ft.
ID-316686 - .0625 Thk. (5x5) Ft.
ID-316690 - .0625 Thk. (10x10) Ft.

No Substitutes available at time of writing, brief list of areas where used:

1. All BFP turbine stm. chest cvr. gaskets. Blank cvr. plts. and throttle vlv. gaskets.
2. All BFP turbine gasket between controller and servo mtr. to inlet brg. brk.
3. Blank cvr. gaskets on BFP bedlpates.
4. BFP Turning gear motor to exh. brg. brk. gasket.
5. Used as gasket mtl. on heater boxes and gland cases, etc.

R. C. Wynn, Ind. Engr.
STD Erection & Test

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