



June 20, 1985

U.S. Nuclear Regulatory Commission
Office of Administration
Washington, DC 20555

**FREEDOM OF INFORMATION
ACT REQUEST**

FOIA-85-459
rec'd 6/26/85

Attention: Mr. Joseph Felton, Director
Division of Rules and Records

Subject: Freedom Of Information Act Request

Gentlemen:

Stock Equipment Company is a design and manufacturer of a wide range of products for the volume reduction, handling and solidification of nuclear wastes. Our products are currently installed and servicing over 40 commercial reactors.

Some of our products could also be utilized by academic, medical, government laboratory and industrial nuclear waste generators, to assist them in reducing their waste volumes prior to ultimate disposal at a burial site.

Under the provisions of the Freedom Of Information Act (FOIA), we are requesting a report which lists the following information for the year 1984.

- (a) Name, address, telephone number, and contact name of each waste generator in all categories, including commercial reactors.
- (b) Kinds and types of waste generated.
- (c) Volume of waste shipped for disposal, by category if possible.
- (d) Any other appropriate information.

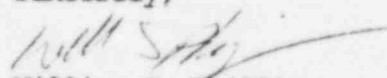
STOCK has reviewed DOE/LLW-39T publication which denotes "The 1983 State by State Assessment of Low Level Radioactive Waste Shipped to Commercial Disposal Sites". This report notes that in 1983, 143,867 55-gallon drum equivalents of waste were disposed. If all large waste generators had dry waste hydraulic compactors, as shown in the enclosed brochure, this waste volume could be reduced by a minimum of 1/2 to 1/3 or more based upon our experience to date.

With the information requested, STOCK will do our part to reduce waste volumes being transported on our nation's highways and being buried, thus enhancing overall public safety.

If you have any questions, please call.

Sincerely,

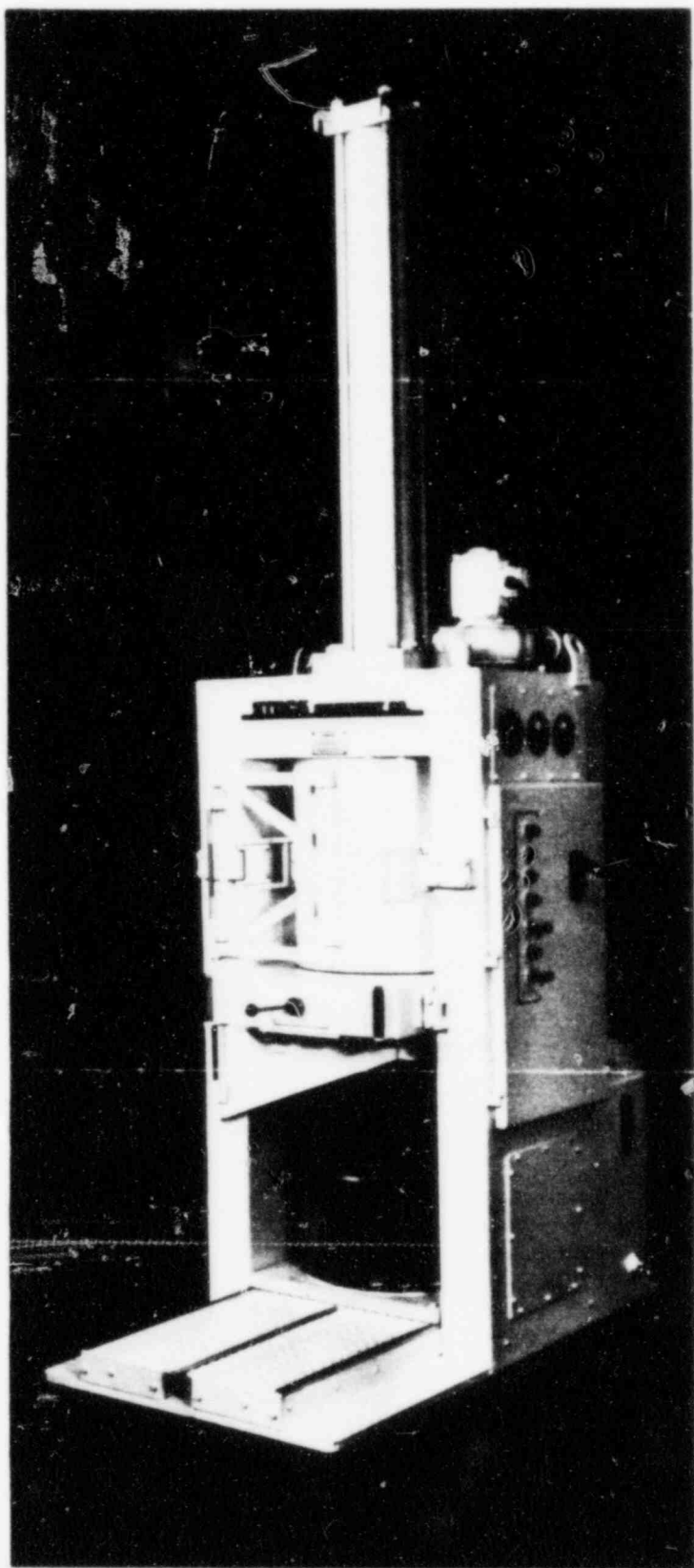
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PDR FOIA
PHILLIP85-459 PDR


William S. Phillips

Note: If the report is computer generated, disregard all generators with waste quantities less than 5 cubic meters annual.

THIS IS AN FOIA REQUEST.

Stock Equipment Company • 16490 Chillicothe Road • Chagrin Falls, Ohio 44022, U.S.A. • (216) 543-6000 • Telex 98-0611
A Unit of General Signal



DRY WASTE HYDRAULIC COMPACTOR

- Designed for Nuclear Station Environment
- Cost-Effective
- Forty Year Service Life
- Minimum Maintenance
- Operator Safety
- Designed to withstand Full Eccentric Load
- Compacts in Less Time
- Self-Contained Fan and Air Filtration System

The STOCK Dry Waste Compactor is designed specifically for the Nuclear Station Environment to compact paper, cloth, glass, floorsweepings and other low-level dry waste into standard 55 gallon drums. It is engineered to combine reliable forty-year service life with maximum operator safety and compacting efficiency. Four nuclear stations have verified that the STOCK Compactor outperforms other machines, compacting 300 or more pounds of waste into each drum.

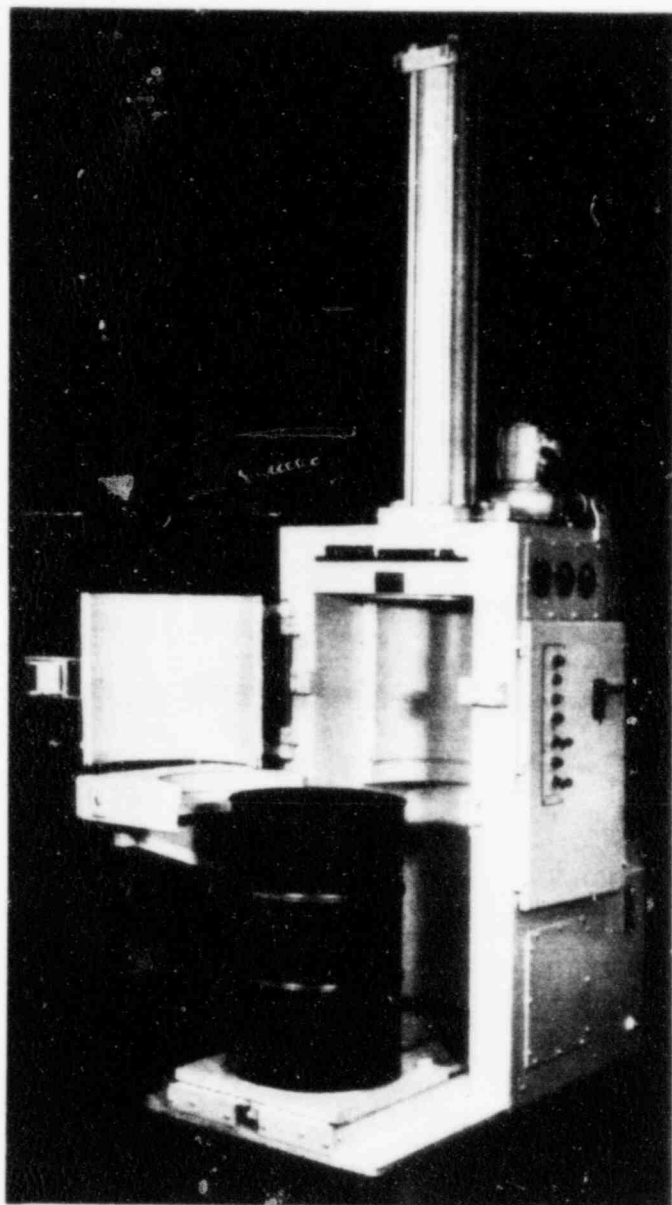
Safety and Reliability

The Hydraulic System operates at relatively low pressure (780 PSI) for safety and long life. However, the compacting piston is 7" in diameter for a total compacting force of 30,000 pounds. A piston rod 5" in diameter and a 13" stop tube prevent damage to the cylinder and ram components under eccentric loads. The compactor frame is likewise designed to withstand stallout loads, both on-center and eccentric.

Ease of Drum Handling

The drum being loaded rests on a contoured plate which provides support to the drum bottom during compaction. This plate can be extended outside the main body of the compactor by a small hydraulic cylinder in the base, so that the loaded drum is readily picked up by hoist or lift-truck.

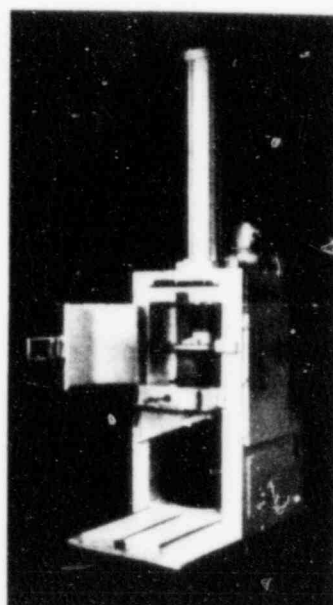
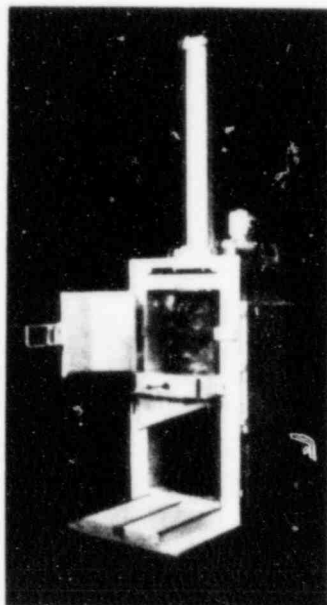
Operation



To load and compact a drum, it is placed on the support plate which is then drawn into position under the ram. The hinged work table is swung into place and locked, clamping the drum securely and providing a seal for the drum extension space. Loose waste is placed in the drum and drum extension space, to a full height of 60" if desired. The drum extension door is closed and locked. Now the waste may be compacted.

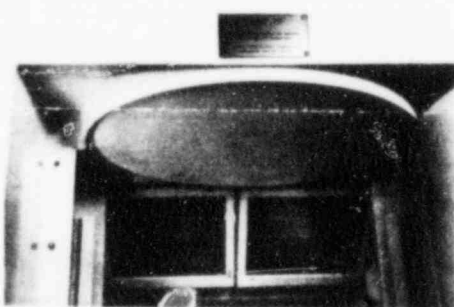
Exceptional Loading Capacity

With the ram in the up position, the vertical clearance to the bottom of the drum is 60", providing 26" above the top of the drum for loading. The STOCK Compactor is equipped with a drum extension which is open for loading and closed for compacting. The extension permits compacting of a full 60" stack of waste.



Air System Prevents Dust Escape

The drum extension space is evacuated by a built-in fan to prevent the escape of air-borne contaminants during compaction. The fan draws air through a roughing filter followed by 0.3 micron HEPA filters. Differential pressure gauges allow the operator to tell when the filters need to be changed. Used filters are dropped into the compactor drum without being touched by hand.



Air Evacuation System: Integral steel enclosure with rugged seals to prevent leakage; fan delivers 600 cubic feet per minute.

STOCK

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