PLAINTIFF'S EXHIBIT

DOW-1886

S-500

PLANT SHUTDOWN OR DEMOLITION

POLICY: Plants or process equipment shutdown without known intent of restarting, or plants shutdown for eventual demolition shall be put in a clean and safe condition.

SCOPE: This standard defines the minimum requirements for leaving a plant, process equipment, warehouse or pipelines in a clean and safe condition.

CONFIDENTIAL

DEFINITIONS:

Owner: the owner of the plant, equipment, pipeline or building is the present, or last Major Managers' Department using the facility. Normally the Plant Superintendent or his designated representative will be considered the "owner". In the absence of a Plant Superintendent the Major Manager or Section Manager of the Department shall assure that a designated "owner" is identified.

Clean and safe condition: condition such that appropriate persons not familiar with the process could dismantle lines and equipment without possibility of chemical exposure, electrical shock, or thermal burns.

OWNER RESPONSIBILITY:

1. Take appropriate steps to prepare facilities, which are to be shutdown, so as to be left in a clean and safe condition. A shutdown checklist (example attached) shall be completed, with additional documentation related to the shutdown condition attached, signed by the Owner and the Section or Major Manager and a copy sent to the Safety Department.

2. Take appropriate steps to prepare facilities, which are to be abandoned or scheduled for eventual demolition, so as to be left in a clean and safe condition. Abandonment, demolition or removal shall follow the procedure of Engineering Practices M1-900, M1-910, M1-920, M1-921, M1-922. Appropriate survey forms (attached to practices) shall be completed, with additional documentation related to the shutdown condition attached, signed by the Owner and the Section or Major Manager and a copy sent to the Safety Department.

SHUTDOWN CHECKLIST

Building No._____ Department_____

Shutdown Date_____

Shutdown of:_____

_____

_____

Assistance From:	Person Contacted:
Safety Engineer	_____
Environmental Services	_____
Industrial Hygiene	_____
Security/Fire Dept.	_____
Process Engineering	_____
Control Systems	_____
Loss Prevention	_____
Investment Recovery	_____
Div. Engineering	_____
Rail Fleet Adm/Maint	_____

STC03816

Checklist

1. Chemicals removed from process yes [ ] no [ ]
   drums yes [ ] no [ ]

2. Lines, tanks, equipment cleaned, open and status tagged
   lines yes [ ] no [ ]
   equipment yes [ ] no [ ]
   tanks yes [ ] no [ ]

   Attach list of items, previous chemicals and cleaning method

3. Drums cleaned and properly disposed yes [ ] no [ ]

4. Sludge, heels or other remains removed from tanks, tank cars, tank trucks, dempsters

tanks	yes [ ]	no [ ]
tank cars	yes [ ]	no [ ]
tank trucks	yes [ ]	no [ ]
dempsters	yes [ ]	no [ ]

5. Rail cars cleaned at plant done before shutdown — yes [ ] no [ ]

6. Change of status recorded at N.D.T. for vessels, relief devices, sight glasses electrical grounds, flex-joints, roll equip., manlifts, fork trucks — yes [ ] no [ ]

7. Waste materials properly disposed of in accordance with environmental standards. — yes [ ] no [ ]

8. Raw materials properly stored or disposed of. — yes [ ] no [ ]

9. Radioactive sources removed or shutdown S-477 — yes [ ] no [ ]

10. Appropriate electrical switch gear off, fuses pulled and tagged. — yes [ ] no [ ]

11. Utilities, water, air, sewer, etc. left in safe status. — yes [ ] no [ ]

12. Fire protection systems reviewed for correct status. — yes [ ] no [ ]

13. Operating procedure changes resulting from shutdown reviewed with appropriate people. — yes [ ] no [ ]

14. Inter-plant pipelines reviewed for compliance with S-645. — yes [ ] no [ ]

15. Cylinders, tank cars or other equipment with demurrage released. — yes [ ] no [ ]

16. Asbestos on site removed — yes [ ] no [ ]
identified — yes [ ] no [ ]

17. Additional documentation related to shutdown attached. (also information related to "no" responses) — yes [ ] no [ ]

Prepared by (Owner) _____ Date _____
Section Manager _____ Date _____
(or)
Major Manager

Copy to Safety Department - Date _____

Other Distributions: _____

_____

_____

_____

5T0038016A