Energy Source Evaluation

Equipment Model/Name:	Cuber
Evaluated By:	Ryan Wilkinson
Evaluation Date:	06/17/2004

Definitions:

- Energy Source Type: Mechanical (Gravity, Springs, Hydraulic, Pneumatic), Electrical, Thermal, Chemical, Etc.
- Component Name: Bar Conveyor Drive, Depalleter pusher lift, FDC Drive, etc.
- Recommended Isolation: Electrical disconnect, block/chain, pneumatic/hydraulic disconnect, discharge, etc.

Energy Source Type	Component Name	Recommended Isolation
Hydraulic	Carriage Plate Drive	Lockout disconnect to hydraulic power unit.
Hydraulic	Product Clamps	Lockout disconnect to hydraulic power unit.
Hydraulic	Cuber Lift Up	Lockout disconnect to hydraulic power unit.
Gravity	Cuber Lift Down	Pin Cuber Lift in up position.
Hydraulic	Gate Open & Close	Lockout disconnect to hydraulic power unit.
Hydraulic	*Gate Positioning	Lockout disconnect to hydraulic power unit.
Hydraulic	*Discharge Conveyor Drive	Lockout disconnect to hydraulic power unit.
Electrical	Electrical Panel and Wiring	Lockout disconnect to hydraulic power unit and any external power sources.

*Optional Equipment