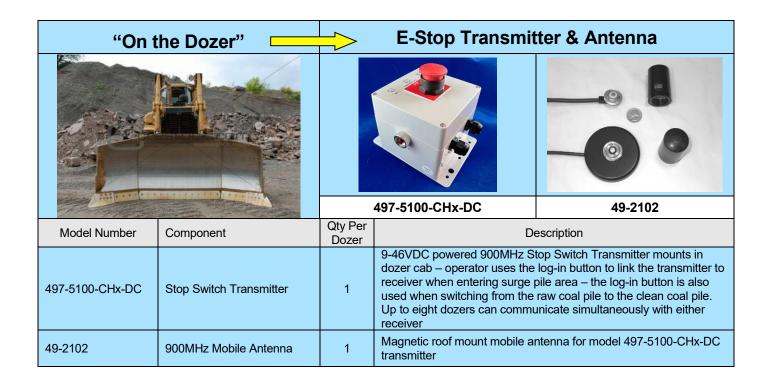
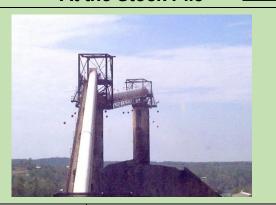
Cattron's "BWI Eagle" Fail-Safe Dozer Safety System Components



WHEN YOUR PLC I/O CONTROLS ARE LOCATED AT THE STOCK PILE:

"At the Stock Pile"



Receiver & Antennas





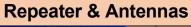
497-5280-AC

49-3101

| Model Number | Component | Qty Per Stock Pile | Description |
|--------------|------------------------------------|--------------------------|---|
| 497-5280-AC | Receiver | 1 | 100-250VAC Powered, 900MHz Receiver - Installed at stock pile – dozer transmitters log-in to this receiver which continually monitors the status of up to 8 dozers |
| 49-5001 | TNC T Adapter | 1 | Mounts on side of receiver – allows two 900MHz Omni antennas to be connected to the receiver |
| 49-4000-XX | Coax Cable | 2 | Variable length of coaxial cable with connectors – Connects antennas to receiver |
| 49-3101 | 900MHz Omni Directional Antenna | 2 | Omni directional antennas for model 497-5280-AC receiver – mount two antennas – one on either side of the catwalk pointed down at the pile. Connect the two antennas to the receiver using the "T" adapter. |

WHEN YOUR PLC I/O CONTROLS ARE LOCATED BACK AT THE CONTROL ROOM

"At the Stockpile"









497-4500-AC

49-3101

| Model Number | Component | Qty Per Stock Pile | Description |
|--------------|------------------------------------|--------------------------|---|
| 497-4500-AC | Repeater | 1 | 100-250VAC Powered, 900MHz Repeater - Installed at stock pile – repeats signals received by dozer transmitters to the receiver located back at the control room. |
| 49-5001 | TNC T Adapter | 1 | Mounts on side of repeater – allows two 900MHz Omni antennas to be connected to the repeater |
| 49-4000-XX | Coax Cable | 2 | Variable length of coaxial cable with connectors – Connects antennas to receiver |
| 49-3101 | 900MHz Omni Directional Antenna | 2 | Omni directional antennas for model 497-4500-AC repeater – mount two antennas – one on either side of the catwalk pointed down at the pile. Connect the two antennas to the receiver using the "T" adapter. |

"At the Control Room"

Receiver & Antenna







497-5280-AC

49-3101

| Model Number | Component | Qty Per Control Room | Description |
|--------------|------------------------------------|----------------------------|--|
| 497-5280-AC | Receiver | 1 | 100-250VAC Powered, 900MHz Receiver - Installed in control room – dozer transmitters log-in to this receiver which continually monitors the status of up to 8 dozers |
| 49-4000-XX | Coax Cable | 1 | Variable length of coaxial cable with connectors – Connects antenna to receiver |
| 49-3101 | 900MHz Omni Directional Antenna | 1 | Omni directional antenna for model 497-5280-AC receiver – mount strategically to achieve as best line of sight to the repeater as possible. |