Prior to Accident on 1/2/06

3-6 a.m. - Section preshift exams conducted.
6:00 a.m. - 1 Left & 2 Left crews enter mine.
6:30 a.m. - Explosion occurs as 1 Left crew reaches section entrance.
Mine Rescue Teams Wearing full apparatus.

CSE SR100 SCSR
5:25 p.m. January 2, 2006
1st Team Enters Mine

6:57 p.m. January 2, 2006
Water entering return entry. Work begins to restore power to pump.

Area Detailed Above
8:10 p.m. January 2, 2006
Pump is energized at X-23.

Midnight January 3, 2006
Ventilation controls damaged. Explored to X-8 of 4 Belt

8:50 p.m. January 2, 2006
Explored to X-33 of 3 Belt

Area Detailed Above
2:45 a.m. January 3, 2006
Drilling Begins for 2 Left Borehole (258 ft)

• Teams observe a red light, indicating that the AMS was still energized.

• Teams withdrawn. Mine rescue teams reach the surface at 3:40 a.m.

• The CO monitoring system is de-energized at approximately 3:57 a.m.
5:35 a.m.  January 3, 2006
2 Left Borehole punches into mine. 1200 ppm CO detected.

Area Detailed Below

- 6:22 a.m. Teams re-enter mine.
- 6:35 a.m. Camera is lowered into the 2-Left borehole. No indications of explosive forces are observed.
- 6:50 a.m. 1 Left borehole started.
11:22 a.m. January 3, 2006
FAB Established X-42 of 4 Belt

2:00 p.m. January 3, 2006
Approaches to 1 Left Entries Explored

4:21 p.m. January 3, 2006
FAB Established

Area Detailed Below

1 Left crew mantrip found with lights on.
5:18 p.m. January 3, 2006
1st Miner Found

7:12 p.m. January 3, 2006
Begin 2 Left Exploration

6:47 p.m. January 3, 2006
All Seal Explored & Reported Destroyed by Explosion.

7:45 p.m. January 3, 2006
Undamaged Empty Mantrip Found at X-10

8:07 p.m. January 3, 2006
Found footprints traveling toward seals and evidence that SCSR's were opened.
12:30 a.m.  
January 4, 2006  
11 Miners Reported Deceased, 1 Alive

11:46 p.m.  
January 3, 2006  
12 Miners Found (Reported Alive)

9:47 p.m.  
January 3, 2006  
Explored to X-19

1:00 a.m.  
January 4, 2006  
Survivor Out of Mine

9:55 a.m.  
January 4, 2006  
All Miners Removed from Mine
Location of miners

Handheld radio at section power center.

Handheld radio & hardline phone to communicate to FAB.

Hardline phone at FAB to communicate with command center on surface.
Incidence Rates do not include contractor data. National Incidence Rates are calculated by mine type and classification.

Quarterly Enforcement Actions vs Total Incident Rate
Sago Mine 2004 - 2005

1Q 2004 IR reflects 4 Injuries/8,872 Hrs.
By comparison, 3Q 2005 was 3 Injuries/72,338 Hrs.

Enforcement Actions

National Total IR

Sago Mine Total IR

Estimated based on 3Q Hrs and 3 accidents already reported.
Sago Mine 2005 Violations by Type

- Installation and Maintenance, 79, 39%
- Fire Protection, 35, 17%
- Examination and Testing, 31, 15%
- Ground Control, 22, 11%
- Ventilation, 19, 9%
- Administrative, 7, 3%
- Personal Protection, 6, 3%
- Emergency Preparedness, 6, 3%
- Unsafe Practice, 1, 0%
• 7:30 am – All underground power circuits de-energized. The fan remained operational.
• 8:30 am – MSHA Field Office Supervisor notified. Mine personnel detect 500 ppm CO and 1.5% CH4 at return drift opening.
• 10:30 am – MSHA personnel arrived at mine (1 hour from nearest office).
• 11:30 am – CO readings were constant and CH4 decreased to 0.6%.
• 12:00 pm – Two mine rescue teams at site and fully ready to enter mine, but CO levels increased to 2600 ppm and elevated CO levels were detected in nearby office buildings.
• 1:00 pm – Mine rescue personnel began monitoring gases in the pit area. Various other mine rescue teams began to arrive.
• 3:00 pm – Consol set up a gas chromatograph and bottle samples analyzed to confirm the handheld gas readings.
• 3:30 pm – Mine rescue teams on site are briefed.
• 4:15 pm – Gas concentrations begin to trend down.
• 5:10 pm – Initial exploration plan approved and MSHA Technical support arrives with infrared instrumentation and a gas chromatograph.