

Decontamination and Decommission

*EXPECT THE
UNEXPECTED*

*Here today....Gone
Tomorrow*

Presented by Bill Elliott
WSRC



But First We needed to Evaluate

- ISMS Process
- CHAPS Process
- Confine Spaces Issues
- USQ
- Biological/Chemical/Radiological Hazards
- AHA
- Asbestos concerns
- Remote Workers
- Historical concerns
- Drills



Cold and Dark Process

- Ensures the facility is isolated from all external sources of hazardous energy prior to demolition



“Cold and Dark” Process

- All electrical and mechanical systems that enter or leave the building have been identified, de-energized and physically air-gapped
- Recover any Hazardous Materials
- Stored electrical energy (Batteries)
- All Stored energy devices removed (Roll Door springs, gas cylinders”
- All Stored Mechanical devices removed



DECONTAMINATION

- The Decontamination Facility is a centralized location that houses state of the art decon technologies. Personnel are highly qualified in decontamination methodologies to help SRS organizations to recover contaminated material or equipment as a cost savings to WSRC. The mission of the Decontamination Facility is to meet SRS critical core decontamination support needs. The Decontamination Facility will meet these needs by:
- Operating decontamination equipment to recover and recycle WSRC assets from solid waste streams and utilizing segregation techniques to minimize solid waste volumes.



Unexpected Stuff

- Wildlife (Snakes, Spiders, alligators, Rats)
- Sources
- Hazardous Materials that we did know about, which containers were damaged or leaking
- Historical items



EMERGENCY MANAGEMENT ROUNDUP

305-A

EXPECT THE UNEXPECTED

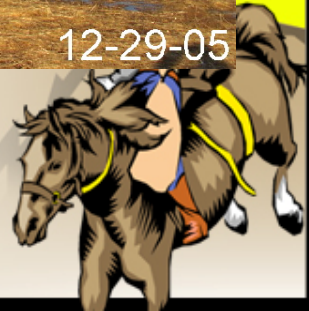


BEFORE



12-29-05

AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

713-A



BEFORE



AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

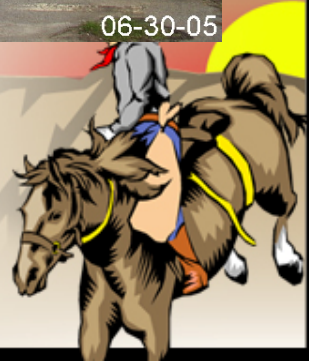
716-A



BEFORE



AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

719-A

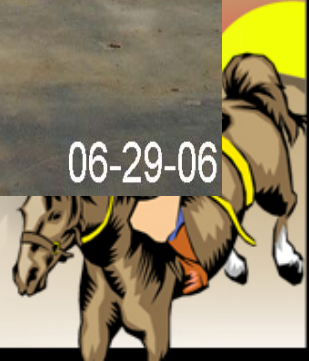


BEFORE



06-29-06

AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

777-10A

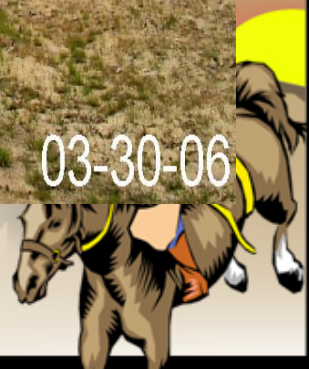


BEFORE



03-30-06

AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

501-C



BEFORE



AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

412-6D



BEFORE



03-24-04

AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

420-2D



BEFORE



AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

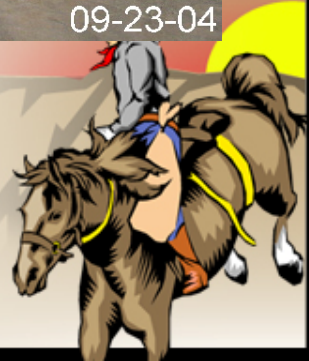
211-7F



BEFORE



AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

222-F



BEFORE



AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

246-F



BEFORE



AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

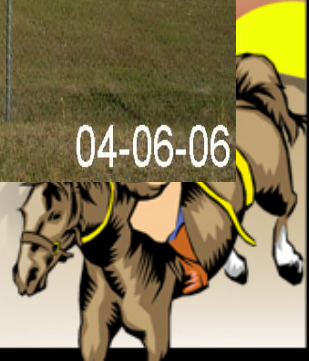
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BEFORE



AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

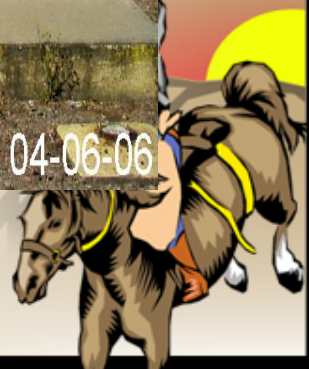
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BEFORE



AFTER



04-06-06

EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

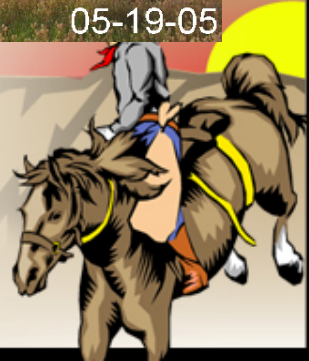
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BEFORE



AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

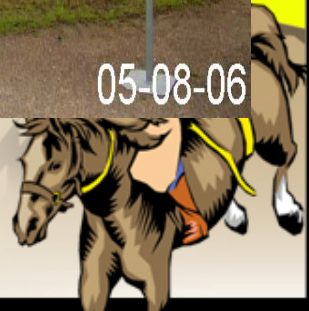
185-K



BEFORE



AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

675-T



BEFORE



AFTER



EMERGENCY MANAGEMENT ROUNDUP

EXPECT THE UNEXPECTED

681-4T



BEFORE



AFTER



Of Course we drill before getting started

- We had a few problems at first



Now it's time to start on the bad buildings

