

December 19, 2006

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|-----|----------------|--------------------|------------------|-----------------|
| To: | Brenda Mills | Charles Lewis | David Coleman | David Potocik |
| | David Sanders | Donald Mosser | Duane McLane | Eric Fitzgerald |
| | Gary Chandler | Greg Tunno | Gregory Briatico | James Wilson |
| | Jim Stafford | Jim Tisaranni | Joel Cantrell | Leo Sain |
| | Lynn Anderson | Michael Burch | Michael Matheny | Norris Johnson |
| | Patricia Allen | Philip Breidenbach | Rebecca Chafin | Robbie Bates |
| | Robbie Black | Robert Oliver | Talmadge Goodwin | Terese Henson |
| | Terry Pifer | Theodore Padezanin | | |

From: Ellen Parrish

SITE ALARA COMMITTEE MEETING MINUTES-12/18/06

The Site ALARA Committee met on December 18, 2006, 730-1B, 1:00 p.m. – 2:15 p.m.

Attendees:

| | | | |
|-----------------|------------------|----------------|---------------|
| Becky Chafin | David Sanders | Duane McLane | Ellen Parrish |
| Eric Fitzgerald | Gary Chandler | Greg Hightower | Greg Tunno |
| Jim Stafford | Jim Tisaranni | Jim Wilson | Joel Cantrell |
| Kela Johnson | Leo Sain | Lynn Anderson | Mike Burch |
| Norris Johnson | Phil Breidenbach | Ted Padezanin | Terese Henson |
| Thomas Smith | | | |

YTD PERFORMANCE INDICATORS -

- ORPS Personnel Contamination Events total four: two skin and two personnel effects.
- Non-ORPS Personnel Contamination Events total sixteen.
- ORPS Area Contamination Events total eleven with the majority of these coming from legacy contamination.
- Non-ORPS Area Contamination Events total nine.
- The 2006 Cumulative Exposure Goal was set at 124 rem in December, 2005, revised to 131 rem in February, 2006 and revised again in August, 2006 to 121 rem. YTD Total Cumulative Exposure is 78 rem. The Projected Goal for the end of the 4th Quarter is 103 rem.
- The YTD maximum individual dose is 698 mrem. The actual dose assigned is from a combination of external & internal dose from a puncture wound which occurred in CLAB during TRU Repackaging in April of this year. The second highest YTD individual dose is 490 mrem.
- The YTD Maximum Extremity dose is 17,022 mrem.
- YTD Internal Exposures: >100 mrem = 0
>500 mrem = 1

2007 RADIATION EXPOSURE GOALS – After presenting the 2007ALARA Goals, HBL, F-Area Closure, Nuclear Materials Management, Waste Management Area Projects, F/H Laboratories, Defense Projects and Wakenhut Services Incorporated were all challenged to decrease their exposure goals. The original goal of 114 rem was successfully decreased by 6.8 rem. The 2007 Site Total Cumulative Exposure Goal was set at 107 rem. The Administrative Control Level was lowered from 600 mrem to 500 mrem for 2007. See the Table below.

| Organization | Base Routine (rem) | Special Work (rem) | 2007 Total Cumulative Exposure Goal (rem) |
|---|-------------------------------|-------------------------------|--|
| Management & Operations | | | |
| <u>H-Area Material Disposition</u> | | | |
| HB-Line | 2.80 | 6.20 | 9.00 |
| H-Canyon/OF | 5.10 | 2.80 | 7.90 |
| <u>F-Area Closure</u> | | | |
| FBL/FCA/OF/235-F | 4.00 | 0 | 4.00 |
| <u>Site D&D</u> | 1.00 | 0 | 1.00 |
| <u>Nuclear Materials Management</u> | | | |
| K-Area | 6.00 | 2.00 | 8.00 |
| <u>Waste Management Area Project</u> | | | |
| E-Area, ETP, INF | 13.50 | 0 | 13.50 |
| <u>Laboratories</u> | | | |
| 772-F/772-1F | 5.50 | 0 | 5.50 |
| <u>Defense Projects</u> | | | |
| TRI/TEF | 1.40 | .60 | 2.00 |
| <u>Miscellaneous¹</u> | | | |
| SFP/SGCP/Others | 3.00 | 0 | 3.00 |
| Liquid Waste Operations | | | |
| <u>Waste Solidification Projects</u> | | | |
| DWPF | 2.00 | 0.50 | 2.50 |
| Saltstone | 3.70 | 1.80 | 5.50 |
| <u>Liquid Waste Disposition Projects</u> | | | |
| H-Tank Farm/299-H | 11.10 | 10.60 | 21.70 |
| F-Tank Farm | 6.50 | 6.90 | 13.40 |
| Savannah River National Laboratory | 9.00 | 1.00 | 10.00 |
| Site Totals | 74.60 | 32.40 | 107 |

¹Miscellaneous (SFP.600 base + .300 special; SGCP 0.050 base + .200 special; and other minor contributors to site total)

WACKENHUT SERVICES INCORPORATED - 1.5 rem (Total dose estimate from all facilities)

SRS ADMINISTRATIVE CONTROL LEVEL - 500 mrem

DOE-SR ADMINISTRATIVE CONTROL LEVEL - 150 mrem (for DOE-SR employees)

PERSONNEL CONTAMINATION EVENTS - 8

PERFORMANCE INDICATOR TRENDS (2004-2006)

| | <u>2004</u> | <u>2005</u> | <u>2006</u> |
|------------------------|--------------------|--------------------|-----------------------|
| <u>PERCONS</u> | | | |
| ORPS | 6 (1Skin/5 PE*) | 3 (3 Skin) | 5 (3 Skin/2 PE*) |
| NON-ORPS | 36 | 13 | 16 |
| <u>AREA</u> | | | |
| ORPS | 14 | 7 | 11 |
| NON-ORPS | 3 | 12 | 9 |
| <u>EXPOSURE</u> | | | |
| TOTAL | 202 rem | 121 rem | 78 rem (thru 9/30/06) |
| <u>INTAKES</u> | | | |
| >100 mrem | 3 | 1 | 0 |
| >500 mrem | 1 | 1 | 1 |

* Note - PE - Personnel Effects