

Management Assurance & Process Improvements

August 12, 2008

Chuck Duus, 6301



Management Assurance

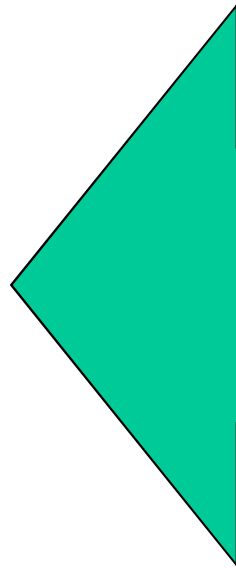
- ◆ Consistent with and enhanced by Division processes for operations, performance management, and quality.
- ◆ 6300 processes via ILMS
- ◆ 6300 Work Controls recently redeveloped, received positive marks from Brad Elkin.



Space Utilization Improvement Team (SUIT)

6S Is...

- ◆ Sort
- ◆ Straighten
- ◆ Shine
- ◆ Standardize
- ◆ Safety
- ◆ Sustain



- (1) Remove unnecessary furniture, equipment, etc.
- (2) Remove Items not allowed on floor
- (3) Properly secure computer and equipment cords
- (4) Maintain all equipment (computer & mechanical)
- (5) Properly label & clearly mark maintenance checks
- (6) Organize books, files, tools, fixtures, supplies, & chemicals
- (7) Keep area free of debris & clean
- (8) Meet SNL ES&H area requirements
- (9) Meet document and computer security requirements
- (10) Identified area properly to agreed & required building standard
- (11) Store equipment needed to perform jobs in convenient locations
- (12) Have clear, complete & consistent labeling
- (13) Have cleaning station
- (14) Use daily checklist for area w/specific owner's name
- (15) Use monthly checklist for area w/ specific owner's name
- (16) Ensure posted items & signage meet the agreed area standards



Partial Spotlight Worksheet

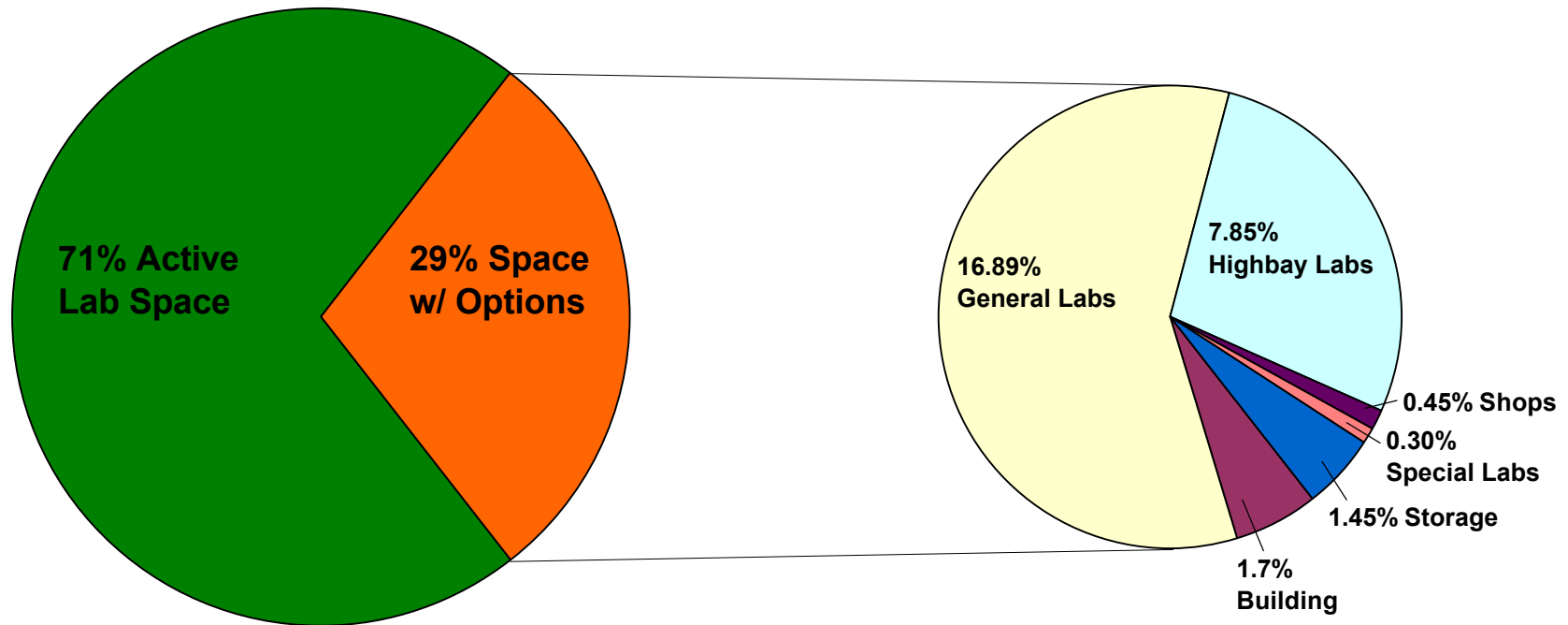
| Bldg | Cluster | Owned by Org.: | Location: | Location Owner: | Useable percent of area (how much of area is available for new projects). | Potential Annual Cost Savings {SQ FT x % Area x [(Cost/yr) / SQ FT]} | 6S Score | Number of Questions answered YES |
|------|---------|----------------|------------------------------|------------------------|---|--|----------|----------------------------------|
| 701 | 6310 | 6312 | NM/701/B100C | na | 100% | 10167.37 | na | |
| 823 | 6310 | 6314 | NM/823/1013 | UHL,JAMES EUGENE | 100% | 5211.75 | 32.5 | |
| | 6310 | 6312 | NM/823/1230 | WALLACE,SAMUEL T. | 100% | 8300.64 | 32.5 | Office PHS |
| | 6310 | 6312 | NM/823/1238 | WALLACE,SAMUEL T. | 100% | 8322.09 | 26.25 | Office PHS |
| | 6310 | 6316 | NM/823/1280 | ANDERSON JR., HOWARD L | 0% | 6980.27 | 53.75 | 1 |
| | 6310 | 6314 | NM/823/1286 | ELBRING,GREGORY J. | 70% | 10134.90 | 43.75 | |
| | 6310 | 6315 | NM/823/1298 | COSTIN,LAURENCE S. | 80% | 9918.17 | 40 | 1 |
| | 6310 | 6315 | NM/823/1298 | COSTIN,LAURENCE S. | 90% | 9918.17 | 40 | 2 |
| | 6310 | 6316 | NM/823/2035 | ANDERSON JR., HOWARD L | 30% | 1872.41 | 55 | 1 |
| | 6310 | 6316 | NM/823/2035A | ANDERSON JR., HOWARD L | 0% | 0.00 | 55 | 1 |
| | 6310 | 6313 | NM/823/2063 | HART, DAVID | 75% | 3088.33 | 43.75 | Office PHS |
| | 6310 | 6313 | NM/823/2063A | HART, DAVID | 75% | 4793.65 | 43.75 | Office PHS |
| | 6310 | 6313 | NM/823/2081 | HO,CLIFFORD K. | 100% | 8493.70 | 50 | 2 |
| | 6310 | 6316 | NM/823/2087 | KRUMHANS, JAMES L. | 20% | 1248.28 | 50 | 1 |
| | 6310 | 6316 | NM/823/2266 | ANDERSON JR., HOWARD L | 50% | 3120.69 | 62.5 | 0 |
| | 6310 | 6316 | NM/823/2276 | CYGAN, RANDALL | 0% | 0.00 | 81.25 | Office PHS |
| | 6310 | 6316 | NM/823/2296 | ANDERSON JR., HOWARD L | 100% | 12419.16 | 71.25 | 4 |
| | 6310 | 6316 | NM/823/2296A | ANDERSON JR., HOWARD L | 100% | 3152.49 | 73.75 | 4 |
| | 6310 | 6316 | NM/823/2296B | ANDERSON JR., HOWARD L | 0% | 0.00 | 81.25 | 4 |
| | 6310 | 6316 | NM/823/2296C | ANDERSON JR., HOWARD L | 50% | 2091.06 | 68.75 | 4 |
| | 6310 | 6316 | NM/823/2296D | ANDERSON JR., HOWARD L | 0% | 0.00 | 70 | 4 |
| | 6310 | 6313 | NM/823/4270 | ALTMAN,SUSAN J. | 0% | 0.00 | 67.5 | 2 |
| | 6310 | 6316 | NM/823/B39 | ANDERSON JR., HOWARD L | 100% | 15593.85 | 63.75 | 1 |
| | 6310 | 6316 | NM/823/B39 | ANDERSON JR., HOWARD L | 100% | 15593.85 | 63.75 | 2 |
| | 6310 | 6314 | NM/823/B55 | ELBRING,GREGORY J. | 80% | 7103.85 | 41.25 | 1 |
| | 6310 | 6314 | NM/823/B55 | ELBRING,GREGORY J. | 80% | 7103.85 | 41.25 | 2 |
| | 6310 | 6314 | NM/823/B55A | ELBRING,GREGORY J. | 50% | 6488.44 | 43.25 | |
| 849 | 6310 | 6315 | NM/849/1 | HOFFER,JOHN H. | 30% | 8047.64 | 40 | 5 |
| | 6310 | 6315 | NM/849/2 | HOFFER,JOHN H. | 50% | 3615.51 | 40 | 5 |
| | 6310 | 6315 | NM/849/2-A | HOFFER,JOHN H. | na | na | 40 | 5 |
| | 6310 | 6315 | NM/849/2-B | HOFFER,JOHN H. | na | na | 40 | 5 |
| | 6310 | 6315 | NM/849/2-D | HOFFER,JOHN H. | na | na | 40 | 5 |
| | 6310 | 6315 | NM/849/4 | HOFFER,JOHN H. | 50% | 8969.28 | 40 | 5 |
| | 6310 | 6315 | NM/849/4-A | HOFFER,JOHN H. | 50% | 2661.27 | 40 | 5 |
| | 6310 | 6315 | NM/849/5 | HOFFER,JOHN H. | 10% | 1158.34 | 40 | 5 |
| | 6310 | 6315 | NM/849/SITE | HOFFER,JOHN H. | 30% | na | 40 | 5 |
| | 6310 | 6315 | NM/849C | HOFFER,JOHN H. | 0% | na | 40 | 5 |

Legend

| Criteria | Green | Yellow | Red |
|-------------------------------|-------------|-----------------|------------------|
| 6S Score | 100-60 | 59-45 | 44-0 |
| ES&H (# ?s yes on PHS) | 0-2 | 3-4 | 5-7 |
| Potential Annual Cost Savings | \$0-\$1,999 | \$2,000-\$9,000 | \$9,001-\$30,000 |
| Potential %Area Reclamation | 0-30% | 31-50% | 51-100% |

Current State

6300 Lab Space Usage Snapshot



29% Space w/ Options = \$430K per Year!

* Includes Randolph Building Lease

Lab 1214 Transformation

Before



After



 Sandia National Laboratories

 Sandia
National
Laboratories



6300 is now helping Sandia lead in lab space improvement

- ◆ **SUIT practices acquired & adopted by other centers**
 - Center 5700 adopted SUIT's approach to evaluating lab space. 6300 Lean 6 Sigma black belts asked to lead events &/or mentor in 5733, 5764 & 5762
 - Center 5200 interested in our approach
 - Beginning engagement with 6400 and 6700

- ◆ **Recognized by Facilities Management as a best practice**