

Attachment 2
Major Contributors to LBNL Occurrences
April 1, 2003 to March 31, 2004

Major Contributors	
	frequency
Cause code	
A1B2C07 Error in equipment or material selection	1
A3B1C01 Check of work LTA	1
A3B1C03 Incorrect performance due to mental lapse	1
A3B2C01 Strong rule incorrectly chosen over other rules	1
A3B3C01 Attention was given to wrong issues	1
A3B4C01 Individual's capability to perform work LTA	1
A4B1C01 Management policy guidance/expectations not well defined, understood, or enforced	1
A4B3C08 Job scoping did not identify special circumstances and/or conditions	1
A4B4C01 Tasks and individual accountability not made clear to worker	1
A7B2C01 Legacy contamination	2
Human performance code couplet	
A3B1C01 coupled with A1B3C01 Design/documentation LTA	1
A3B1C03 coupled with A4B5C13 Accuracy/effectiveness of change not verified or not validated	1
A3B2C01 coupled with A4B4C11 Assignment did not consider worker's ingrained work pattern	1
A3B3C01 coupled with A4B1C03 Management direction created insufficient awareness of impact on safety	1
A3B4C01 coupled with A4B1C04 Management follow-up or monitoring did not identify problems	1
Facility	
B6	1
B51B	1
B70	1
B71	2
B74	1
B75	2
B85	2
B88	1
LBNL grounds	1
UCB	1
Division	
Advanced Light Source	1
Environment, Health and Safety (EHS)	6
Environmental Energy Technologies	1
Facilities	3
Life Sciences	1
Reporting Criteria	
Legacy material	2
Loss of control	1
Management concern	1
Near miss	2
spread of contamination	1
Transportation	1

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Unplanned exposure	1
Hazardous energy control	1
Exposure above PEL	1
Notice of violation	1
ISM function	
Scope of work LTA	1
Analyzed hazards LTA	1
Developed/implemented controls LTA	4
Performed work within controls LTA	3
Feedback/improvement LTA	1