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|  | FRCM ALARA trigger level & approval levels | PLANS FROM WORK GROUP | | TYPE OF COVERAGE | | | | REQUIRED APPROVAL | |
|  |  | No plan needs to be submitted to RP | When people fill out job steps/plan    \*\*what should we call this? Job plan for RP review? | No RP coverage | RCT Coverage Only    Inform RCT before job starts, but RCT doesn't necessarily need to be present at start of job - discussion with RCT.  Pocket dosimeters monitored, but not tracked by RCT. | RWP & RCT Coverage    Pre-job briefing, can be informal. RCT must be present at very beginning of job for signatures on RWP, but can discuss with crew what steps the RCT needs to be present for and which steps can be done w/out RCT.  Pocket dosimeters tracked through RCT on RWP. | ALARA Plan w/ RWP & RCT coverage    Pre-job briefing, 100% RCT coverage at all times, documented post-job briefing  Pocket dosimeters tracked through RCT on RWP. | RSO Approval | SRSO Approval |
| Cumulative dose | ALARA: 1000 person-mrem    SRSO: 1000 person-mrem |  | 100 person-mrem |  | 200-600 | As needed | 600 | 200 | 800 |
| Personnel dose | RSO: 200 mrem/week |  | 50 mrem |  | 100 | As needed | 200 | 200 | 300 |
| Dose rate (where person - trunk & head - is standing) | ALARA:  1 R/hr    SRSO: 1 R/hr |  | 100 mrem/hr |  | 100 mrem/hr | 200 mrem/hr | 500 mrem/hr | 100 mrem/hr | 800 mrem/hr |
| Class of material w/ remote handling |  |  | Class 3 | Review at certain class level, and determine controls/coverage/approvals based on dose rate where people are standing | | | | | |
| Movement of material |  |  | Class 2 |  | Class 2 | Class 3 & 4 | Class 5 material | Class 3, 4 | Class 5 material (if roads are closed (needed when dose rates > 1 R/hr on the outside of the shielding, also CSO approval) |
| Potential contamination | ALARA: 10x Table 2-2 values |  | Any potential (opening beampipe, target cave work, etc.) |  | Any potential (opening beampipe, etc.) | Any potential (opening beampipe, etc.) |  | Any potential | Work in posted Contamination Areas with contamination levels 10x Table 2-2 values |
| Potential Airborne contamination | ALARA: posted as ARA |  | Any potential (HEPA filters, etc.) |  | Any potential (opening beampipe, etc.) | Any potential (opening beampipe, etc.) | Work in posted ARA | Any potential | Work in posted ARA |