

| Docket/License/Licensee                 | Was it a Firing Range with DU (Y/N)? | Current license or terminated? (C/T) | Was it cleaned up? (Y/N) | If available, and unclassified, description of DU on firing range   | Document Location (For current licenses- Accession number of current license; For historical documents- ADAMS or Fiche location) | License condition or tie-down letter on monitoring and controlling the environmental monitoring, health and safety, and physical security programs |
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| 04006394/SMB-141/Department of the Army | Y                                    | C                                    | N                        | <p>From 12/6/18 Inspection Form 591:</p> <ul style="list-style-type: none"> <li>- The only DU at Adelphi is shielding in a device; therefore, the inspection was limited to Aberdeen Proving Ground (APG).</li> <li>- The licensee uses DU in munitions for impact target shooting, only at indoor firing ranges.</li> <li>- A second range is used sporadically, and the third, older range is closed.</li> <li>- DU munitions are stored in bunkers onsite.</li> <li>- Waste is held in an onsite waste facility utilized by multiple APG licensees. Waste is tracked appropriately by each licensee to ensure no possession limits are exceeded.</li> <li>- The licensee conducts soil, vegetation, and air monitoring around the</li> </ul> | ML16302A427  | See page 117 of renewal application ML110800588 dated March 14, 2011   |

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|   |   |   |   | <p>outside of the indoor ranges, as well as wipe surveys of laboratory areas for contamination.</p> <ul style="list-style-type: none"> <li>- Approximately 30 DU workers are in the bioassay program.</li> <li>- Possession limit is 200,000 KG total at APG</li> </ul>   |             |  |
| 04007354/SUB-834/Department of the Army, US Army Aberdeen Test Center | Y | C | N | <ul style="list-style-type: none"> <li>- Possession limit of 500,000 KG of DU for testing of DU Munitions</li> </ul> <p>From Form 591 dated 10/31/19:</p> <ul style="list-style-type: none"> <li>- The licensee has two licenses: SUB-834 for indoor and outdoor impact testing of DU munitions; and 19-00294-19, a Type A broad scope license for testing of various items such as tritium gun sights and thoriated lenses, use of portable gauges for moisture/density testing of roads and soil, and other similar activities.</li> <li>- There was a notable decrease in the licensee's DU demand and usage over the last few years.</li> <li>- The inspectors observed collection of environmental air samples and use of portable gauges. They inspected the outdoor test ranges, indoor test facility (Superbox), munitions</li> </ul> | ML19070A195 | <p>See Internal Operating Procedure for Environmental Radiation Monitoring and QA/QC, in ML082600638 dated August 27, 2008, renewal</p> <p>Additional information on Superbox in ML090510146 dated December 15, 2018</p> <p>Additional information on new firing line in ML103130519 dated October 12, 2010</p> <p>Updated Environmental Radiological Monitoring program, ML14310A595 dated October 27, 2014, updated Environmental Radiological Monitoring program</p> <p>ML15043A140 dated January 26, 2015,</p> |

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|   |   |   |   | <p>assembly facility, waste storage facility, and portable gauge storage facility.</p> <ul style="list-style-type: none"> <li>- The inspectors interviewed the Radiation Safety Officer and Radiation Safety Committee members, portable gauge users, individuals in charge of the waste storage facility</li> <li>- No violations were identified</li> </ul>  |  | updated Ford's Farm description   |
| 04008838/SUB-1435/<br>Department of the Army,<br>Jefferson Proving Grounds              | Y | C | N | <ul style="list-style-type: none"> <li>- DU possession-only</li> <li>- License provides for exemption from decommissioning timeliness rule</li> </ul>  | ML19088A305  | License conditions 12, 15, and 16 |
| 04009083/SUC-1593/<br>Department of the Army,<br>Davy Crockett weapons<br>system firing | Y | C | N | <ul style="list-style-type: none"> <li>- DU possession-only for 16 Army installations</li> </ul>   | ML19303C248  | License conditions 11 and 18      |
| 04008814/ SMB-1411/<br>Department of the Army,<br>Yuma Proving Grounds<br>(YPG)         | Y | C | N | <ul style="list-style-type: none"> <li>- License allows for possession of DU</li> <li>- Authorized uses include receipt, storage, and use</li> <li>- YPG conducts environmental sampling including air, soil, and fauna</li> <li>- Four permanent sampling locations; additional air samplers used as needed</li> <li>- Control and access to DU is limited, and receiving, shipping, storage, and firing areas are restricted access areas</li> </ul> | ML17332A297<br>(public)<br>ML17332A298<br>(non-public) | License Condition 18              |

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|  |   |   |   | - Security includes fences, locks, cameras, and guards   |                          |   |
| 04008767/ SUC-1380/<br>Department of the Army,<br>Lake City Army<br>Ammunition Plant | Y | C | N | - Possession of DU storage incidental to decommissioning   | ML18347A222              | See page 5-5 in ML14118A463 dated April 22, 2014<br>Also, ML072050573 dated July 24, 2007, regarding Environmental Protection Agency and Missouri Department of Natural Resources (MDNR) remediation under the Comprehensive Environmental Response, Compensation, and Liability Act; also see, SECY 01-088 (ML010790135 and ML010810089) and SECY 98-201 (ML0108000760) which provide information on U.S. Environmental Protection Agency responsibilities for clean up in the future. |
| 03028641/42-23539-01AF/U.S. Air Force (USAF), Nellis Air Force Base (AFB)            | Y | C | N | - Managed under the Air Force Master Materials License<br>- USAF Permit NV-30048<br>- Nellis AFB is an active firing range where pilots train on | ML19301B016 (non-public) | Permit conditions 13 and 21 – environmental monitoring<br>Permit conditions 13 and 18 – security and control  |

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|  |   |   |   | firing DU munitions at simulated targets<br>- DU and unexploded ordnance hazards exist on the range. Annually radiation workers remove DU rounds lying on the surface within target area<br>- Range has limited access with fencing and radiation signs as appropriate.<br>- Personnel are trained on the radiological hazards of DU.<br>- Historical environmental monitoring data exists. No active monitoring at this time as no migration of DU exists at this location |                          | Permit conditions 13 and 25 – radiation protection   |
| 03028641/42-23539-01AF/U.S. Air Force, Eglin AFB | Y | C | N | - Managed under the Air Force Master Materials License<br>- USAF Permit FL-08883<br>- Eglin AFB is an active range firing DU munitions into a backstop to test properties of the munitions<br>- The backstop is cleaned about every 5 years to remove DU fragments<br>- Range has limited access with fencing and radiation signs as appropriate.<br>- Personnel are trained on the radiological hazards of DU.<br>- Historical environmental monitoring data exists. No    | ML19301A886 (non-public) | Permit condition 13 environmental monitoring<br>Permit conditions 13 and 17 – security and control<br>Permit condition 13 – radiation protection |

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|   |   |   |   | active monitoring at this time as no migration of DU exists at this location   |             |  |
| 03029462/ 45-23645-01NA/ U.S. Navy, Naval Surface Warfare Daghlgren Division              | Y | C | Y | <ul style="list-style-type: none"> <li>- Managed under the Navy Master Materials License</li> <li>- NRMP 45-00178-S1NP</li> </ul>  | ML15009A282 | The NRC staff understands that all on-site decommissioning work, including the disposal of radioactive waste, has been completed. NRC staff is awaiting a Final Status Survey Report   |
| 03029462/ 45-23645-01NA/ U.S. Navy, Naval Research Laboratory Chesapeake Beach Detachment | Y | C | Y | <ul style="list-style-type: none"> <li>- Managed under the Navy Master Materials License</li> <li>- Naval Radioactive Materials Permit(NRMP) 08-00173-E1NP</li> </ul>  | ML15009A282 | The NRC staff understands that all on-site decommissioning work, including the disposal of radioactive waste, has been completed. NRC staff is awaiting a Final Status Survey Report   |
| 03029462/ 45-23645-01NA/ U.S. Navy, China Lake  | Y | C | N | <ul style="list-style-type: none"> <li>- Authorized use is limited to indefinite storage of DU projectiles/projectile fragments, as metallic solids, or as oxides of DU, target vehicles, plates, platforms and soils contaminated with projectiles/projectile fragments as metallic solids or as oxides of DU.</li> <li>- DU is located at George Range; Ordnance test and Evaluation Range, Charlie</li> </ul> | ML18074A236 | Based on extensive surveys and searches, NAWCWD China Lake has identified and controlled DU impacted areas identified under NRMP 04-60530-L1NP and that legacy radioactive materials from terminated NRC and AEC licenses do |

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|  |  |  |  | Range, Airport Lake Range,<br>Baker Range.<br>- Permit 04-605300L1NP<br>- Managed under the Navy<br>Master Materials License<br>NRMP 04-60530-L1NP |  | not exist outside of<br>these controlled areas. |
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