



# ACCOMPLISHMENTS for FISCAL YEAR 2022



## **EHSS FY22 Accomplishments**

### Mission

*Provide corporate leadership, strategic approaches, policy, technical expertise and assistance for protecting Department of Energy workers, the public, the environment, and national security assets.*

**Office of Environment, Health, Safety and Security  
Fiscal Year 2022 (FY22) Program Accomplishments**

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**EHSS FY22 Accomplishments**

**Office of Environment, Health, Safety and Security  
FY22  
Program Accomplishments**

<b>A. RULEMAKING</b>	
<b>Title</b>	<b>Goal</b>
10 Code of Federal Regulations (CFR) 602, 710, 712, 835, 850, 851, 1016, 1017, 1045, and 1046	Developed a straight to final rule amendment for 10 EHSS regulations to align changes in titles of several DOE Officials. Regulations include 10 CFR parts 602, 710, 712, 835, 850, 851, 1016, 1017, 1045, and 1046.
10 CFR 707, <i>Workplace Substance Abuse Programs at DOE Sites</i>	Final Rulemaking was published in the Federal Register in August 2022. The purpose of the amendment was to modify the random drug testing rate of contractor employees in testing designated positions (TDP's), other than those in the 100 percent rate of testing pool and clarify that all positions requiring access authorization (security clearances) are TDP's, as the Secretary established in 2007.
10 CFR 850, <i>Chronic Beryllium Disease Prevention Program</i>	Developed a Supplemental Notice of Proposed Rulemaking and Economic Assessment Questionnaire. Coordinated documents through rulemaking and program counsel.
10 CFR 851, <i>Worker Safety and Health Program</i>	Published a Notice of Proposed Rulemaking in September 2022. The purpose of the proposed amendment is to make corrections to the worker safety and health program requirements related to beryllium and beryllium compounds for purposes of accuracy and consistency with DOE Chronic Beryllium Disease Prevention Program regulation.

<b>B. DIRECTIVES</b>	
<b>Title</b>	<b>Goal</b>
O 142.3A, <i>Unclassified Foreign Visits and Assignments Program*</i>	Phase 1 is completed; work has yet to begin on Phase 2.
O 226.1B, <i>Implementation of Department of Energy Oversight Policy</i>	Completed Administrative update. Issued May 3, 2022.
O 231.1B, <i>Environment, Safety and Health Reporting</i>	The DRB selected DOE Order 231.1B for revision, however this has been postponed to 2023.
O 414.1, <i>Quality Assurance</i>	Initiated revision in August 2022.
O 422.1, Chg 4, <i>Conduct of Operations</i>	Issued revision February 3, 2022.
G 424.1-1B Chg 2 (Admin Chg), <i>Implementation Guide for Use in Addressing Unreviewed Safety Question Requirements</i>	Issued revision July 27, 2022.
O 425.1D, <i>Verification of Readiness to Start Up or Restart Nuclear Facilities</i>	Significant progress made in developing revised draft.

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<b>B. DIRECTIVES</b>	
<b>Title</b>	<b>Goal</b>
O 426.2A, <i>Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities</i>	Initiated limited review.
O 440.1B, <i>Worker Protection Program for DOE Federal Employees</i>	Completed Administrative update. Issued on May 2, 2022.
O 440.1B, <i>Worker Protection Program for DOE Federal Employees</i>	Revision issued May 2, 2022

<b>C. TECHNICAL STANDARDS (STD)</b>	
<b>Title</b>	<b>Goal</b>
DOE-STD-1063-YR, <i>Facility Representatives</i>	Issued revision December 10, 2021.
DOE-STD-1070-YR, <i>Criteria for Evaluation of Nuclear Facility Training Programs</i>	Completion of draft DOE-STD-1070-94 (Reaffirmed 2014), <i>Criteria for Evaluation of Nuclear Facility Training Programs</i> , which entered RevCom in August 2022 for 60 days.
<i>DOE-HANDBOOK (HBDK)-1100, Chemical Process Hazards Analysis,</i>	Reaffirmed October 12, 2022.
DOE-STD-1121, <i>Internal Dosimetry</i>	Reaffirmation concurred in REVCOM in August 2022 and is pending publication.
DOE-HDBK-1130, <i>Radiological Worker Training</i>	Final REVCOM concurrence period began September 20, 2022.
DOE-HDBK-1100, <i>Chemical Process Hazards Analysis</i>	Reaffirmed October 12, 2022.
DOE-HDBK-1169, <i>Nuclear Air Cleaning Handbook</i>	Issued revision April 15, 2022.
DOE-HDBK-1215-2014, <i>Optimizing Radiation Protection of the Public and the Environment for use with DOE O 458.1, ALARA Requirements</i>	Reaffirmed October 6, 2022.
DOE-HDBK-1216-2015, <i>Environmental Radiological Effluent Monitoring and Environmental Surveillance</i>	Reaffirmed October 6, 2022.
DOE STD-1231-2022, <i>Preparation and Conduct of Protective Force Performance Testing</i>	RevCom concurrence from all programs received in July 2022.

## EHSS FY22 Accomplishments

C. TECHNICAL STANDARDS (STD)	
Title	Goal
DOE STD-1238-2022, <i>Management of Unmanned Aircraft System Operations and Countermeasures during Security Performance Test Exercises</i>	RevCom concurrence from all programs received in August 2022.
DOE-STD-1269, <i>Air Cleaning Systems in DOE Nuclear Facilities</i>	Issued new DOE-STD-1269-2022, Air Cleaning Systems in DOE Nuclear Facilities April 15, 2022.
DOE-STD-3025-2007, <i>Quality Assurance Inspection and Testing of High-Efficiency Particulate Air (HEPA) Filters</i>	Issued revision February 3, 2022.
DOE-STD-XXXX-YR, <i>Security Risk Management (CUI)</i>	The annual review of the SRMTS was completed and found to be in full compliance with the Design Basis Threat.

## D. OFFICE SPECIFIC GOALS

The **Office of the Department Representative to the Defense Nuclear Facilities Safety Board (DNFSB) (EHSS-1.1)** provides effective cross-organizational leadership, coordination, and assistance in resolving DNFSB related technical, safety, and management issues necessary to ensure public health and safety at DOE defense nuclear facilities.

Office of the DR to the DNFSB	
Title	Goal
DOE-DNFSB Memorandum of Understanding (MOU) on Interface Activities	<ul style="list-style-type: none"> <li>• Led Departmental coordination efforts to finalize joint DOE-DNFSB MOU Key Tenets and Supplemental Agreement, including biweekly status meetings and joint Working Group meetings addressing eight mutually agreed MOU interface improvement topics.               <ul style="list-style-type: none"> <li>○ The MOU Key Tenets final document was signed by the Deputy Secretary of Energy and DNFSB Chair on February 17, 2022. Additionally, the final MOU Supplementary Agreement was signed by the Departmental Representative and DNFSB Technical Director on June 1, 2022.</li> <li>○ During FY22, the Board met with the Deputy Secretary on two occasions, with the Secretary on one occasion, and quarterly with Administrator of the National Nuclear Security Administration (NNSA) and Senior Advisor for Environmental Management (EM). The MOU served instrumental in facilitating improved transparency and cooperation at the most senior political levels of both agencies.</li> </ul> </li> </ul>

## EHSS FY22 Accomplishments

	<ul style="list-style-type: none"> <li>○ On June 1, 2022, the MOU Supplementary Agreement was signed by the EHSS-1.1 and the DNFSB Technical Director (TD).</li> </ul>
<p>Implementation of DOE Order 140.1A, <i>Interface with the Defense Nuclear Facilities Safety Board</i></p>	<p>Continued to ensure consistent implementation of interface requirements that mutually benefit both DOE/NNSA-DNFSB.</p> <ul style="list-style-type: none"> <li>● Continued to improve transparency and foster internal communications (DR Biweekly Reports and DR-Field Liaison Monthly Calls), as well as recurring meetings between Program Secretarial Offices (PSO), EHSS, the Office of Enterprise Assessments (EA) and DNFSB to share current issues of interest and to improve transparency. <ul style="list-style-type: none"> <li>○ EHSS-1.1 provided interface assistance, in coordination with DOE General Counsel (GC), to foster consistency in the Department’s use and application of <i>DOE O 140.1A</i> and the MOU. These efforts were coordinated through DR Biweekly Reports, DR-Field Liaison Monthly Calls, DR-PSO Weekly Calls, DR-TD Weekly Discussions, DR-PSO/EHSS-DNFSB Biweekly Discussions, Nuclear Safety Coordinating Committee, and S-1/S-2/NA-1/EM-1-Board Periodic Discussions.</li> <li>○ EHSS-1.1 also presented a complex-wide roll out presentation of the DOE-DNFSB MOU at the October 2022 EHSS sponsored Nuclear and Facilities Safety Programs (NFSP) Workshop.</li> </ul> </li> </ul>
<p>Coordinate DOE Responses to DNFSB Recommendations and Reporting Requirements</p>	<ul style="list-style-type: none"> <li>● Aided DOE/NNSA Program and Field Offices to ensure completeness, accuracy, and completion of all deliverables to DNFSB including comments to Draft Recommendations, responses to Final Recommendations, issuing Implementation Plans, and responding to DNFSB Reporting Requirements for briefings and/or written reports. <ul style="list-style-type: none"> <li>○ EHSS-1.1 provided significant assistance and played a coordinating role both within the Department and its DNFSB interface, to ensure completeness, accuracy, and completion and issuance of the Department’s deliverables.</li> <li>○ In FY22, the DNFSB sent the Department 34 correspondence letters-packages, with 16 of those containing formal reporting requirements, including written responses and/or Board briefings. The remaining 18 letters-packages, although not containing formal reporting requirements, in large, contained DNFSB safety related observations, which led to several DOE/NNSA follow up responses and/or briefings.</li> <li>○ EHSS-1.1 was instrumental in supporting review and coordination on formulating the Department’s responses to the DNFSB, including Recommendation 2020-1.</li> </ul> </li> </ul>

## EHSS FY22 Accomplishments

<p>DNFSB Requests for Information (RFIs) Coordination</p>	<ul style="list-style-type: none"> <li>• Coordinated receipt and disposition of all DNFSB RFIs in a timely manner – typically over 2,000 document per year – <i>FY22 approximately 3,000 to date.</i> <ul style="list-style-type: none"> <li>○ EHSS-1.1 continued to play a significant assistance and coordination role both within the Department and its DNFSB interface, to ensure mutual understanding of the information requested by the DNFSB and coordinating timely responses.</li> <li>○ In FY22, the DNFSB requested over 3,000 documents (information).</li> <li>○ EHSS-1.1 also developed a centralized database to record and track DNFSB RFIs complex-wide via PSOs and/or Sites. This database serves instrumental in the tracking and disposition of DNFSB RFIs.</li> <li>○ Additionally, EHSS-1.1 supported DNFSB staff reviews at Headquarters (HQ) and in the Field, which the RFI process serves instrumental in providing information to DNFSB review Lines-of-Inquiry.</li> </ul> </li> </ul>
<p>Annual Report to Congress Department of Energy Activities Related to the DNFSB</p>	<p>Coordinated the data call and report development.</p> <ul style="list-style-type: none"> <li>• EHSS-1.1 continued to lead the data call and report development effort. The data call was issued by EHSS-1.1 on August 29, 2022. FY21 Annual Report to Congress was also completed in a timely manner and issued in FY22.</li> <li>• EHSS-1.1 also developed and maintains a centralized database to track the Department’s Hazard Category 1, 2, and 3 Defense Nuclear Facilities, as well as Documented Safety Analysis (DSA) status, which serves instrumental to the Annual Report, as well as to PSOs and Sites pertaining to DNFSB oversight jurisdiction.</li> </ul>

The **Office of Corporate Security Strategy (EHSS-1.2)** catalyzes a comprehensive protection strategy throughout the Department’s security community, advocates for and facilitates a collaborative, enterprise approach to security, and manages operations to protect the Secretary on a continuous basis. It also promotes information assurance and mission performance by effective management of the Technical Security, Human Reliability, Special Access, and Insider Threat Programs.

Office of Corporate Security Strategy	
Title	Goal
<p>Protective Intelligence</p>	<ul style="list-style-type: none"> <li>• Produced 61 Protective Intelligence Threat Reviews for International and Domestic (coordinated with State Fusion Centers) Travel.</li> <li>• Analyzed 18 incoming correspondence threats to DOE Leadership. <ul style="list-style-type: none"> <li>○ U.S. Secret Service Referrals—2</li> <li>○ FBI Referrals—5</li> </ul> </li> </ul>
<p>Executive Protection Detail</p>	<ul style="list-style-type: none"> <li>• Conducted 61 Executive Protection Missions (through September 7).</li> </ul>



## EHSS FY22 Accomplishments

	<ul style="list-style-type: none"> <li>○ Domestic—49</li> <li>○ International—12</li> <li>● Detailed Special Agent via MOU to the FBI Washington Field Office Violent Crimes Unit Task Force.</li> <li>● Submitted 2 Special Agents for Special Act Award.</li> <li>● Hired 3 Special Agents.</li> <li>● Upgraded safety by incorporating 5 new protective vests.</li> <li>● Purchased 100 COVID 19 rapid test kits for overseas missions.</li> <li>● Deployed 25 upgraded iPads for Special Agents.</li> <li>● Sent 4 agents to training to hone their skills.</li> <li>● Conducted inventory review resulting in retirement/removal of 100 accountable items.</li> </ul>
Insider Threat Program	<ul style="list-style-type: none"> <li>● Produced National Insider Threat Awareness Month Events.</li> <li>● Coordinated 2 interagency senior leader visits (State Department (virtual) and National Geospatial-Intelligence Agency).</li> <li>● Developed Insider Threat Training Module for Supervisors.</li> <li>● Maintained weekly engagement with the Office of Intelligence and Counterintelligence (IN) operational part of the Insider Threat Program, the Analysis and Referral Center.</li> <li>● Presented at several fora, including the National Industrial Security Program Policy Advisory Committee, the HRP Workshop, the Personnel Security Workshop, the Security Awareness Special Interest Group.</li> <li>● Engaged with Inspector General and Government Accountability Office on DOE Insider Threat programmatic reviews.</li> <li>● Produced numerous white papers and briefing sheets for EHSS-1's use in Deputy Secretary's Office and IN senior leader engagements.</li> <li>● Managed 5 Student Interns to date (working to bring our 6<sup>th</sup> intern this month).</li> <li>● Provided Executive Secretariat support for Insider Threat Executive Steering Committee quarterly meetings.</li> <li>● Coordinated invitation and attendance by S2 representatives.</li> <li>● Chaired monthly Local Insider Threat Working Group meetings.</li> <li>● Chaired weekly Threat Working Group (TWG) meetings.</li> <li>● Re-convened SECRET/Restricted Data-level bi-weekly meetings.</li> <li>● Executive Steering Committee meetings were held quarterly with an average attendance of 23.</li> <li>● Local Insider Threat Working Group meetings were held monthly with an average attendance of 40.</li> <li>● TWG meetings were held 48 times with an average attendance of 116.</li> <li>● Classified TWG meetings were held 9 times with an average attendance of 30.</li> </ul>

## EHSS FY22 Accomplishments

	<ul style="list-style-type: none"> <li>• National Insider Threat Awareness Webinars were conducted 4 times. First webinar attendance was 135.</li> </ul>
Technical Security	<ul style="list-style-type: none"> <li>• HQ and Field Technical Security Services and Ops. Support <ul style="list-style-type: none"> <li>○ Operational Reports—110</li> <li>○ Communications Security (COMSEC) Account audits—35</li> <li>○ Field Engagements—10</li> <li>○ Technical Surveillance Countermeasures (TSCM) Inquiries—4</li> </ul> </li> <li>• Provided, completed, sponsored, or coordinated Training Events. <ul style="list-style-type: none"> <li>○ COMSEC—10 for 500 persons</li> <li>○ Simple Key Loaders (SKL)—20</li> <li>○ TSCM Voice over Internet Protocol Courses—2</li> <li>○ Interagency TSCM Exercise</li> <li>○ National TEMPEST and TSCM—25 persons</li> <li>○ Certified TEMPEST Technical authority—2 EHSS-1.22 Staffers</li> </ul> </li> <li>• Equipment <ul style="list-style-type: none"> <li>○ Obtained and distributed SKLs across HQ and the Field—250</li> <li>○ Installed Continuity Key Management Infrastructure at SNL</li> <li>○ 100% Accountability for COMSEC hardware and software</li> <li>○ Procured \$2.5M equipment upgrades for enhanced capabilities</li> <li>○ Policy</li> <li>○ Identified NNSA SD 470.6 divergence from DOE policy</li> <li>○ Represented DOE on interagency working groups, such as the Technical Security Working Group, TEMPEST Advisory Group, Wireless Working Group, and Technical Signals Security Working Group</li> <li>○ Developed COMSEC Manager’s Assistance Guide</li> </ul> </li> <li>• Provided best-in-class operational support to HQ and Field.</li> <li>• Expanded cyber and analytical TSCM capabilities.</li> <li>• Developed new Technical Security Training with the National Training Center (NTC).</li> <li>• Established remote/regional capabilities with stakeholder support.</li> <li>• Updated DOE policy in response to INTEL Community Dir. 702.</li> <li>• Restructured staffing to support new operational capabilities.</li> </ul>
Human Reliability Program (HRP)	<ul style="list-style-type: none"> <li>• Conducted 2022 HRP Workshop at Nevada Enterprise.</li> <li>• Supported Designated Psychologists’ virtual meeting in 2021 and funded their continuing educating credits for the past three years for \$7k per year.</li> <li>• Conducted review of 10 CFR 712.</li> <li>• Transitioned Designated Physician/Psychologist nomination review process from EHSS-12 to the HRP Office.</li> </ul>
Threat Working Group	<ul style="list-style-type: none"> <li>• Held 45 meetings throughout FY22.</li> <li>• Reinstated classified TWG meetings at the S/RD level.</li> </ul>

## EHSS FY22 Accomplishments

	<ul style="list-style-type: none"> <li>Threat Fusion Center execution options are currently being researched based on the success of the TWG.</li> </ul>
DOE Outstanding Security Awards Program	Managed on behalf of the DOE Security Committee: administer award nominations and a review panel, and coordinate with S-1 for the selection and announcement of award winners.

The **Office of Health and Safety (EHSS-10)** establishes worker safety and health requirements and expectations for the Department to ensure protection of workers from the hazards associated with Department operations. The Office conducts health studies to determine worker and public health effects from exposure to hazardous materials associated with Department operations and supports international health studies and programs. It implements medical surveillance and screening programs for current and former workers and supports the Department of Labor in the implementation of the Energy Employees Occupational Illness Compensation Program Act (EEOICPA). Additionally, the Office provides assistance to Headquarters and field elements in implementation of policy, encouraging excellence in safety and health programs, and resolving worker safety and health issues.

Office of Health and Safety	
Title	Accomplishments
Worker Safety and Health Policy and Implementation Support	<p><b>Office of Worker Safety and Health Policy</b></p> <ul style="list-style-type: none"> <li>Serviced 13 policy clarification requests including eight published in PC Portal, four not published in PC Portal only requiring Subject Matter Expert (SME) support/assistance. Updated and validated 105 additional policy clarifications.</li> <li>Provided support to EHSS offices through substantial review and feedback on Workplace Substance Abuse Programs for EHSS contractors Centerra and Global Engineering and Technology.</li> <li>Provided SME support to EA-32 Assessment at Argonne National Laboratory (ANL). Participated in a 2-week on-site assessment, which included conducting interviews of 30 ANL employees. Co-wrote Assessment report and participated in the EA - Management Review Board Process for Assessment report with EA Senior Officials.</li> <li>Assisted Fermi Research Alliance through unprecedented and novel IH and OSH issues during LBNF-DUNE excavation and construction planning phase &amp; successfully facilitated a 10 CFR 851 variance package review through EHSS approval and issuance.</li> <li>Assisted NNSA &amp; LLNS through 10 CFR 851 Variance request process for the Digital Infrastructure Capabilities Expansion construction project &amp; successfully facilitated the variance package review through EHSS approval and issuance.</li> <li>Represented EHSS on Subterranean Operations – Oversight &amp; Safety Integrated Project Team (IPT); represented 10 CFR 851 through Phase 1 Gap Analysis, ensured accountability and fair brokerage through participation and by providing critical reviews of subgroup findings and recommendations to ensure alignment with Worker Safety and Health (WSH) rules and directives, and developed the IPT objective roadmap for Phase 2. Participated in the Subterranean Operations IPT visit to</li> </ul>

## EHSS FY22 Accomplishments

Office of Health and Safety	
Title	Accomplishments
	<p>WIPP facility to evaluate 10 CFR 851 WSH challenges associated with operating in an underground facility.</p> <ul style="list-style-type: none"> <li>• Submitted the Department of Labor (DOL) Occupational Safety and Health Administration (OSHA)/BLS Report for DOE on time, without error. This report captures all injury and illness recordable incidents for 54 Establishment Codes throughout the complex. Worked with each site POC to update reporting information to ensure a more efficient reporting process for the 2023 OSHA/BLS Report.</li> <li>• Developed FEOSH training for all Federal Employees. Revised outline, curriculum, script/storyboard, &amp; coordinated S2 Introduction video with NTC, ushered process to successful on time completion despite unexpected personnel rotation.</li> <li>• Completed 9 WebEx presentations for DOE stakeholders. Average attendance was 155 individuals, with the highest at 225 individuals. Provided certificates of appreciation for all speakers as well as offered 591 certificates to support professional credential continuing education credits. Solicited feedback on each presentation and used the feedback to improve overall WebEx series.</li> <li>• Coordinated DOE Industrial Hygiene at the American Industrial Hygiene Conference and Exposition in Nashville TN. Recruited 8 Speakers to present on DOE related topics such as Chemical Safety, Beryllium Rule update 10 CFR 850, Legacy Chemical Management, SCIP update, ACGIH Heat Strain and other topics. Attendance consisted of 50 in-person and 78 virtual attendees. The meeting was recorded via WebEx and posted on Energy.gov.</li> <li>• Facilitated monthly Industrial Hygiene/Occupational Safety Special Interest Group meetings and provided EHSS policy updates, news and project status ensuring value added to DOE Worker Safety and Health community.</li> <li>• Served as the Federal liaison to the EFCOG Worker Safety and Health Subgroup; Radiation Protection Task Team; Laser Safety Task Team; Industrial Hygiene, Safety, and Chemical Safety Management Task Team; and Occupational Medicine Task Team. Participated in monthly meetings and provided EHSS-11 policy updates, news, and project status.</li> <li>• Performed Radiobioassay and External Dosimetry DOE Laboratory Accreditation Program (DOELAP) Assessment of West Valley Demonstration Project. Lead the External Dosimetry Review. Drafted report identifying a total of 15 findings.</li> <li>• Performed External Dosimetry DOELAP Assessment of Landauer, Inc, which is a vendor of 13 DOE facilities.</li> <li>• Participated in on-site audit of NREL Electrical Safety Program to support implementation of 10 CFR 851. Performed review of 38 documents and 15 interviews.</li> </ul>

## EHSS FY22 Accomplishments

Office of Health and Safety	
Title	Accomplishments
	<p>Completed 18-page assessment report with 2 findings, 3 opportunities for improvement, and 6 good practices.</p> <ul style="list-style-type: none"> <li>Reviewed application, performance testing, on-site assessment, and corrective action programs for 20 DOELAP Accreditations. Participated in Oversight Board Discussions on Accreditations.</li> </ul>
Worker Safety and Health Assistance	<p><b>Office of Worker Safety and Health Assistance</b></p> <ul style="list-style-type: none"> <li>Performed two hybrid (virtual and onsite) DOE-VPP assessments at SRNS (SRS) and MSTs (NNSS). Began a virtual DOE-VPP assessment of Triad Nuclear Security (Los Alamos National Laboratory).</li> <li>Played a significant role in helping the Safety Culture Measuring and Monitoring Means Working Group develop the safety culture monitoring road maps, providing a common framework for DOE organizations and contractors to evaluate safety culture. Worked with the SCMMM WG members and SRNS to include SRNS in the pilot effort to demonstrate use of the road maps.</li> <li>Continued assisting contractor EAP site contacts and programs by maintaining open communication with DOE site EAP and other site offices on various mental health issues, including those related to COVID-19.</li> <li>Met monthly with site EAP committee members to develop and deliver the Annual DOE EAP Contractor Training.</li> <li>Delivered the 2022 Annual DOE EAP Contractor Training over a 4-day period to over 100 participants from DOE sites (up from 30 participants in 2021), and the participants rated the training as excellent.</li> <li>Referred 261 HQ Federal and Contractor employees to appropriate internal and site employee assistance programs. The EHSS EAP Manager provided guidance, oversight, and consultation to HQ/ Site Leadership with a total of 182 management inquiries regarding EAP.</li> </ul>
Domestic and International Health Studies	<p><b>Office of Domestic and International Health Studies</b></p> <p><b>Domestic Programs</b></p> <ul style="list-style-type: none"> <li>Supported the COVID-19 Response Team by providing data quality assurance, case management, and epidemiological support and analysis. This included weekly National Capital Region trend reports, monitoring circulating variants, providing updates on changes to CDC guidance regarding workforce re-entry and vaccines.</li> <li>Provided 2 situation update briefings regarding the COVID-19 pandemic impact on the DOE workforce and 3 situation update presentations on the 2022 Monkeypox Virus Outbreak.</li> <li>Updated administrative information and the SharePoint communication portal for the Biological Event Monitoring Team (BEMT), in preparation for reengaging the BEMT.</li> </ul>

## EHSS FY22 Accomplishments

Office of Health and Safety	
Title	Accomplishments
	<ul style="list-style-type: none"> <li>• Supported the National Council on Radiation Protection and Measurements (NCRP) “Million U.S. Radiation Worker and Veteran Study” (MWS) which is the largest study seeking to understand if there are associations between cause of death and exposure to radiation. This study will include data from more than 300,000 DOE radiation workers. NCRP coordinated key scientists and support personnel for the MWS epidemiologic follow-up of the cohorts included in the combined (pooled) analysis.</li> <li>• NCRP completed Commentary No. 31 covering new approaches to obtain dose to the brain following intakes of radionuclides, including plutonium, americium, uranium, radium, and polonium.</li> <li>• MWS published 37 peer-reviewed papers, including 24 papers in a special issue of the <i>International Journal of Radiation Biology</i> and made more than 25 scientific presentations at professional conferences/meetings.</li> <li>• MWS developed a new website to provide historical information on the study, as well as a repository of all publications lending to transparency and awareness of the project.</li> <li>• Initiated and managed the transition from a paper-based Beryllium-Associated Worker Registry (BAWR) annual report to an interactive, electronic dashboard. The 2018 BAWR Dashboard was launched in July 2022 and work commenced on the 2019 BAWR Dashboard. In addition, the BAWR program began monthly meetings with the Beryllium Health and Safety Committee and National Jewish Health to discuss potential collaborations on epidemiological studies on beryllium exposure.</li> <li>• Supported and managed the Comprehensive Epidemiologic Data Resource (CEDR), which provides a central repository of data from studies of the health impacts associated with working at or living near DOE facilities and operations. We approve 22 requests for accounts for new researchers to access and use data in CEDR.</li> <li>• Provided epidemiological and program management support to EM for the Public Health Assessment and Community Engagement Project at the Portsmouth facility, which is being conducted by the Agency for Toxic Substances and Disease Registry.</li> </ul> <p><b>U.S. Transuranium and Uranium Registries (USTUR) Program</b></p> <ul style="list-style-type: none"> <li>• Continued studying the biokinetics and tissue dosimetry of internally-deposited radionuclides by analyzing occupationally exposed individuals (volunteer registrants).</li> </ul>

## EHSS FY22 Accomplishments

Office of Health and Safety	
Title	Accomplishments
	<ul style="list-style-type: none"> <li>• Received 3 partial body donations. As of March 31, 2022, USTUR has received a total of 47 whole and 317 partial body donations.</li> <li>• Determined a need for additional follow-up with registrants post-employment and prior to donation, initiated a program for collecting urine samples, attained DOE IRB approval, and began collecting urine samples from registrants during the time between the end of work and prior to death.</li> <li>• Published 8 papers in scientific journals and conducted 15 presentations at professional conferences.</li> <li>• Contributed to NCRP Commentary No. 31: covering new approaches to obtain dose to the brain following intakes of radionuclides, including plutonium, americium, uranium, radium, and polonium.</li> <li>• Completed USTUR annual scientific advisory committee meeting.</li> </ul> <p><b>Japan Program</b></p> <ul style="list-style-type: none"> <li>• The Radiation Effects Research Foundation (RERF) is a co-funded program with the Japanese Ministry of Health, Labor and Welfare (MHLW). RERF researchers published 43 scientific papers in peer-reviewed journals. Results from the RERF provide the foundation for radiation risk evaluations, which are used to develop radiation protection standards worldwide.</li> <li>• Participated in eight (virtual) meetings with the MHLW to improve management and operations of RERF, as well as Scientific Advisory Committee and Board of Council meetings.</li> <li>• Participated in ten virtual meetings with RERF to share feedback on research activities and operations.</li> <li>• Worked closely with National Academies of Sciences, Medicine, and Engineering, our cooperative partner for recruiting American scientists to work at RERF.</li> </ul> <p><b>Marshall Islands Program</b></p> <ul style="list-style-type: none"> <li>• Despite being unable to travel into the Marshall Islands due to COVID-19 restrictions, continued to execute both the environmental monitoring and Special Medical Care programs by maximizing use of in-country staff and resources and remote management resources.</li> <li>• Offered annual medical screenings to all program participants, requiring home visits in some cases.</li> <li>• Continued environmental monitoring program activities, including water and agricultural studies and whole body counting, through local staff, maximizing use of web and telephone meetings and web-based information sharing platforms.</li> </ul>

## EHSS FY22 Accomplishments

Office of Health and Safety	
Title	Accomplishments
	<ul style="list-style-type: none"> <li>• Established new protocols, working with the Marshallese national and local governments, to govern the joint direction and approval of environmental program activities.</li> <li>• Established regular scheduled interactions with the Marshall Islands National Nuclear Commission and the Australian Radiation Protection and Nuclear Safety Agency, which is working with the Marshallese government on a project to improve capabilities for radiation monitoring of fish for export.</li> <li>• Maintained ongoing interaction with the U.S. Embassy, including a monthly meeting with the Ambassador and the Department of Interior field representative, to ensure alignment with other US government programs.</li> <li>• Supported the State Department in the ongoing renegotiation of the Compact of Free Association between the United States and the Republic of the Marshall Islands.</li> <li>• Participated in an Executive Session of the Public Interest Declassification Board (PIDB) and discussed the Congressionally mandated feasibility study on the declassification of information related to Marshall Island testing. Presented an extensive, detailed overview of DOE's past efforts to provide the Marshall Islands responsive records related to nuclear weapons testing and related activities.</li> </ul> <p><b>Russian Health Studies Program (RHSP)</b></p> <ul style="list-style-type: none"> <li>• Paused direct collaborations with Russian counterpart researchers due to Ukrainian invasion. U.S. based researchers continued work to complete ongoing studies.</li> <li>• Evaluated health effects (e.g., solid cancers and leukemia) related to chronic, low-to-moderate dose rate occupational radiation exposure in the Mayak industrial association.</li> <li>• Evaluated effects of environmental radiation exposure in populations (Techa River) living near the Mayak industrial association.</li> <li>• Initiated a new pilot study of uranium workers from the Siberian group of chemical enterprises to determine the dose-response of internal and external occupational radiation doses to incidence of and mortality from lung and other solid cancers.</li> <li>• Hosted two RHSP Scientific Review Group (SRG) Semi-Annual Meetings, which included discussions regarding the future of the program in light of the Ukraine Crisis.</li> <li>• Organized the urgent SRG meeting on Ukraine Crisis: Impact Assessment of the DOE Russian Health Studies Program.</li> <li>• Initiated and supported NCRP Commentary on Statistical Approaches Accounting for Radiation Dose Uncertainties in Epidemiologic Risk Models.</li> <li>• Published 33 papers in scientific journals and numerous presentations at professional meetings/conferences.</li> </ul>



## EHSS FY22 Accomplishments

Office of Health and Safety	
Title	Accomplishments
Worker Screening and Compensation	<p><b>Office of Worker Screening and Compensation Support</b></p> <ul style="list-style-type: none"> <li>• Provided funding and management of the DOE responses to over 11,000 requests from the DOL and the National Institute for Occupational Safety &amp; Health (NIOSH) for EEOICPA claimant records. Responded to 80 percent of FY22 records requests under EEOICPA within 60 days despite interruptions due to the COVID-19 pandemic.</li> <li>• In collaboration with DOL and NIOSH, focused on virtual outreach by participating in 12 interagency meetings of the EEOICPA/FWP Joint Outreach Task Group.</li> <li>• Updated the EEOICPA covered facility list website, hosted by DOE.</li> <li>• Conducted approximately 5,000 medical screening exams including conventional exams, rescreen exams, and low dose CT scans for occupational lung cancer.</li> <li>• Continued to provide high-quality services to participants and the level of satisfaction expressed by participants was over 97 percent on satisfaction surveys.</li> <li>• Developed DOE Institutional Review Board approved FWP COVID-19 restart protocols to safely bring participants back in for screenings under new safety measures.</li> <li>• Through collaboration with the DOE Chief Privacy Office, the DOL, and the DOE sites that implement the EEOICPA Program, established and implemented third party PII redaction protocol for EEOICPA records responses.</li> </ul>

The **Office of Environmental Protection and ES&H Reporting (EHSS-20)** works with line managers to minimize DOE’s radiological and environmental footprint and reduce its occupational health and safety impacts. The Office mitigates and controls risks to the DOE mission by partnering with line management in areas such as: (1) developing policy and standards and providing assistance in protecting the public and the environment from environmental and radiological hazards associated with DOE operations using the current science and best practices; (2) minimizing energy use, natural resources consumption, and waste generation necessary to complete mission activities; (3) collecting, summarizing and sharing lessons from workplace occurrence and event information from across the DOE complex to improve environmental, safety and health performance at DOE sites, and (4) increasing the use and improving the effectiveness of safety culture sustainment tools and strategies across the complex.

Office of Environmental Protection and ES&H Reporting	
Title	Goal
Provide leadership to support Departmental implementation of the S-2 memo on Per- and Polyfluoroalkyl Substances (PFAS)	<ul style="list-style-type: none"> <li>• Stood up and chaired the PFAS Coordinating Committee, with high-level representation from all offices with PFAS equities.</li> <li>• Developed and published DOE PFAS Strategic Roadmap, providing Departmental direction for a broad set of PFAS actions for the next several years.</li> <li>• Developed and published PFAS Initial Assessment Report, executing a commitment to share information about current knowledge of PFAS status across DOE.</li> </ul>

## EHSS FY22 Accomplishments

Office of Environmental Protection and ES&H Reporting	
Title	Goal
	<ul style="list-style-type: none"> <li>• Launched new DOE PFAS website and email address, communications plans to support release of Roadmap and Assessment Report, and outreach presentations on PFAS.</li> <li>• Initiated development of historical and current use search guidance, environmental sampling guidance, procurement guidance, material and waste management guidance, and other documents to clarify operational expectations across the Department.</li> <li>• Completed research of classified holdings at DOE-Germantown (GTN) and National Archives (NARA)-College Park for PFAS.</li> <li>• Engaged in extensive interagency and external coordination and collaboration efforts.</li> <li>• Provided briefings to White House and Congressional staff on DOE PFAS actions.</li> <li>• Developed and issued Operating Experience documents, training and awareness materials, and other assistance tools to support Departmental efforts to address PFAS</li> </ul>
Earth Day	Led DOE Headquarters observance of Earth Day, including coordination with the Office of Public Affairs and senior leaders and observances and activities across the DOE complex.
Sustainable Climate Ready Sites (SCRS) Program	<ul style="list-style-type: none"> <li>• Extensive briefing and coordination effort was completed to allow the initiation of a pilot process.</li> <li>• Eight DOE sites, representing six DOE program elements, participated in the pilot. providing excellent feedback to refine the program approach and materials.</li> <li>• SCRS coordinated with numerous stakeholders both inside and outside of the Department to obtain additional feedback and reviews.</li> <li>• Final program design, web content, and promotional materials were developed, with outreach conducted to recruit participants in the formal program.</li> <li>• SCRS formally launched on October 1, with 10 DOE sites.</li> </ul>
GreenBuy/GreenSpace	<ul style="list-style-type: none"> <li>• Expanded the GreenBuy Awards to include a new set of “GreenSpace” categories and to incorporate more PFAS-free product requirements.</li> <li>• Issued 12 awards for FY22, including the first-ever GreenSpace award to the Office of Legacy Management (LM).</li> </ul>
Develop Conservation Action Plan to align with the America the Beautiful Initiative	Drafted a new technical standard, Implementing Release and Clearance of Property Requirements. Addressed all comments and submitted updated version for final RevCom review prior to publication.
Deploy improvements to OPEXShare data system to serve as the DOE corporate lessons learned program	<ul style="list-style-type: none"> <li>• Completed deployment of OPEXShare Phase 1 functionality and worked with EHSS-72 to advance additional enhancements and updates.</li> <li>• Issued ten OpEx documents (one OE-2, one OE-3, three OESs, five OPEX Awareness).</li> </ul>

## EHSS FY22 Accomplishments

Office of Environmental Protection and ES&H Reporting	
Title	Goal
Develop and deploy advanced data analytics tools to improve DOE's ability to safely plan and execute work tasks	Continued development and deployment of Data Analytics and Machine Learning toolkit. This includes a 30% net growth in users (141 users across 22 sites) and continued efforts to extend the toolkit into different topical areas.
Improve reporting of Suspect/Counterfeit (S/CI) or Defective Items	Completed multiple training sessions on CAIRS, S/CI, and DOE OPEXShare, both virtual and on-site.
Develop and publish technical standard to include pre-approved authorized limits for DOE site use	Drafted a new technical standard, Implementing Release and Clearance of Property Requirements, and completed RevCom review.
DOE Consolidated Audit Program – Accreditation Program (DOECAP-AP)	<ul style="list-style-type: none"> <li>• The number of participating laboratories has increased in FY22 from 24 to 28.</li> <li>• DOE has accredited nine laboratories for PFAS analysis and is working with DoD to add seven additional laboratories.</li> <li>• Held successful in-person workshop in December 2022.</li> </ul>
DOECAP Treatment, Storage and Disposal Facility (TSDF)	<ul style="list-style-type: none"> <li>• Completed 11 TSDF audits to Departmental quality assurance efforts and comply with DOE Order 435.1, Radioactive Waste Management.</li> <li>• Held successful in-person TSDF workshop in September 2022.</li> </ul>
Annual Site Environmental Reports (ASERs)	<ul style="list-style-type: none"> <li>• Prepared annual ASER guidance, incorporating emerging issues such as PFAS and climate vulnerabilities.</li> <li>• Organized and hosted virtual ASER Workshop.</li> </ul>
Radiation Protection of the Public and Environment Emergency Response Preparedness	<ul style="list-style-type: none"> <li>• Published multi-year review and analysis of radiological doses and releases (2015-18).</li> <li>• Conducted annual NESHAPS review with the Environmental Protection Agency (EPA) at HPS.</li> <li>• Developed memorandum extending the use of pre-approved authorized limits for release and clearance of volumetric radioactivity of personal property DOE locations.</li> <li>• Supported US delegation at the IAEA Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management.</li> <li>• Provided presentation to the National Academies of Science Committee on Review of the Continued Analysis of Supplemental Treatment of Low-Activity Waste on “Derived Concentration Standard and Dose Coefficients Used in Radiation Protection.”</li> <li>• Provided significant support as IPT member on the update to DOE O 435.1, Radioactive Waste Management.</li> <li>• Supported multiple DOECAP audits on radiation protection and transportation management.</li> <li>• Joined core planning team, led by NA-84, for Cobalt Magnet exercise (in 2025)</li> <li>• Integrated new director and health physicist</li> </ul>

## EHSS FY22 Accomplishments

Office of Environmental Protection and ES&H Reporting	
Title	Goal
ES&H Reporting Systems	<ul style="list-style-type: none"> <li>• Successfully issued the Daily Occurrence Reporting and Processing of Operations Information (ORPS) Summary, every single workday.</li> <li>• With EHSS-72, modified ORPS to incorporate PFAS release reporting capability and developed guidance to support effective implementation by the DOE field.</li> <li>• Conducted extensive investigation into requirements for updating Fire Protection Reporting system and report process.</li> <li>• Shared information on over 100 S/CI quality assurance lessons learned and recalls.</li> <li>• Worked extensively with Suspect/Counterfeit Items (S/CI) Workgroup, DOE Inspector General, and NNSA to identify appropriate ways to improve reporting of S/CI information that aligns with roles and responsibilities.</li> <li>• Issued annual Fire Protection and Occupational Radiation Exposure Reports and drafted a new S/CI program report.</li> </ul>
Compliance and Sustainability Support	<ul style="list-style-type: none"> <li>• Provided Sustainable Acquisition training to NNSA sites, at the request of NA-ESH HQ.</li> <li>• Provided Sustainable Acquisition training to EM and the Office of Fossil Energy and Carbon Management sites, at the request of those offices after learning about the NNSA training.</li> <li>• Provided ongoing support to the Sustainability Performance Division on sustainability program planning and administration, including reviewing submissions to the DOE Sustainability Awards program, development of sustainability reporting guidance, preparation of Agency reports submitted to the White House, and coordination with internal and external stakeholders.</li> <li>• Provided direct support to DOE sites to address operational challenges from the hydrofluorocarbon phasedown and raised awareness of the issue across DOE.</li> <li>• Developed, tested, and launched a new integrated, online DOE Environmental Management System (EMS) Database, which was successfully used to collect annual reporting data and EMS declarations.</li> <li>• Completed bi-annual RCRA Section 3016 hazardous facilities report, collecting data from the DOE field and completing the Departmental submission to EPA.</li> </ul>
Operating Experience Program/Accident Prevention and Investigation Program/Advanced Data Analytics	<ul style="list-style-type: none"> <li>• Re-initiated a revised EIP-400 Accident Investigation training course, which is in great demand and receives excellent ratings</li> <li>• Developed revisions to the EIP-400 course material and approach, in coordination with the National Training Center and key stakeholders, with the intent of debuting the updated material in calendar year 2023.</li> <li>• Increased engagement with internal and external collaborators to share best practices, lessons learned, and operating experience, including site visits to SRS and Brookhaven</li> </ul>

## EHSS FY22 Accomplishments

Office of Environmental Protection and ES&H Reporting	
Title	Goal
	<p>National Laboratory (BNL) and virtual engagement through multiple venues.</p> <ul style="list-style-type: none"> <li>Reorganized and reinvigorated the Operating Experience Committee to drive greater engagement and participation from committee members, in close coordination with key Program Office collaborators.</li> </ul>
Organizational Culture, Performance, and Reliability	<ul style="list-style-type: none"> <li>Initiated delivery of an extended organizational effectiveness assistance effort to the largest division of Los Alamos National Laboratory (LANL).</li> <li>Provided substantial support to the Office of Economic Impact and Diversity, enabling a significant shift in the Office's approach to personnel management and mission execution.</li> <li>Continued development of Human Performance Improvement (HPI) training modules and initiated revision of HPI Handbooks.</li> <li>Assisted in safety culture assessment at Oak Ridge National Laboratory.</li> <li>Provided ongoing support to Safety Culture Improvement Panel, including co-leading the Community of Practice workgroup.</li> </ul>

The **Office of Nuclear Safety (EHSS-30)** develops and maintains nuclear safety requirements and expectations for the Department to ensure protection of its workers and the public from the hazards associated with DOE nuclear facilities and operations. The Office provides assistance to DOE Headquarters and Field Elements in implementation of policy and resolving nuclear safety, facility safety, and quality assurance (QA) issues. The Office works proactively with Headquarters and Field Offices to foster continuous improvement and nuclear safety excellence.

Office of Nuclear Safety	
Title	Goal
Draft DNFSB Recommendation 2020-1 Path Forward	Led the development of the Implementation Plan (IP) for Board Recommendation 2020-1, Nuclear Safety Requirements
Directive and Technical Standard Actions	Reviewed, developed and/or updated directives and technical standards to ensure nuclear safety, fire protection, quality assurance and safety program requirements and guidance are current and incorporate lessons learned from user experience.
2022 Nuclear Facility Safety Programs Workshop	Planned the 2022 DOE NFSP Workshop and hosted in person in Salt Lake City in October 2022, including the annual Facility Representative and Safety System Oversight annual awards
Corporate Nuclear Research and Development	Issued FY22 call for Nuclear Safety Research and Development proposals, led evaluation of received proposals, and funded six proposals for a total of \$2.0M. Oversaw performance of ongoing funded proposals from prior years.
Other Nuclear Safety Activities	<ul style="list-style-type: none"> <li>Led development of resolution of Board issues on 10-year natural phenomena hazard updates for nuclear facilities (TECH-47) – letter issued 12/14/2021 and drafted second letter</li> </ul>

## EHSS FY22 Accomplishments

Office of Nuclear Safety	
Title	Goal
	<ul style="list-style-type: none"> <li>• Chartered, established, and led a working group to scope the development of a new nuclear safety order as part of the IP for Board Recommendation 2020-1</li> <li>• Organized, chaired, and presented at a panel session on nuclear air cleaning at the Waste Management Symposia in March 2022; also, gave keynote address and presented on nuclear air cleaning at the International Society for Nuclear Air Treatment Technologies meeting in June 2022</li> <li>• Issued memo to DOE Central Technical Authorities to evaluate the continued need for independent 100% testing of HEPA filters used in certain DOE safety applications – dated 8/23/2022.</li> <li>• Led DOE Community of Practice meetings in areas of Facility Representatives, Quality Assurance, and Safety Basis</li> <li>• Organized and presented a nuclear safety seminar on nuclear air cleaning on 7/27/2022</li> <li>• Provided technical advice to NNSA on request for permanent exemption from DOE Order 420.1C, Facility Safety, regarding maximum possible fire loss limits and requirements for U1a.100 Test Bed at the U1a Complex</li> <li>• Provided technical support to NNSA by serving as team member of review of an alternate methodology for DSA for nuclear explosive operations at Pantex and review of a DSA addendum at LANL’s Plutonium Facility for Heat Source plutonium operations that have the potential to result in mitigated consequences to the public greater than 25 rem</li> <li>• Provided technical support to NNSA by serving as team members on independent and peer reviews of projects, including as sub team leaders for the Savannah River Plutonium Processing Facility and the Los Alamos Plutonium Pit Production Projects</li> <li>• Provided ongoing support to subject matter experts in the field concerning the processing of exemptions to the fire safety requirements included in Attachment 2, Chapter II of DOE Order 420.1C, Facility Safety. This includes new exemptions being considered at the Savannah River Site’s Plutonium Processing Facility and the plutonium storage facility, and a nuclear facility at Idaho National Laboratory (Idaho National Laboratory; Experimental Breeder Reactor II Dome).</li> <li>• Provided technical support to the Office of Management (MA) for the implementation plans associated with the staged evacuation actions at the DOE’s Germantown Complex’s mass notification system</li> <li>• Served as member of the interagency Space Reactor Standards Working Group.</li> <li>• Issued two Nuclear Safety Newsletters in FY22 – May and July 2022</li> </ul>



## EHSS FY22 Accomplishments

Office of Nuclear Safety	
Title	Goal
	<ul style="list-style-type: none"> <li>Served as EHSS's Federal Technical Capabilities Program Agent, including leading the development of an EHSS Office Specific Qualification Standard and a document of a graded application for participants assigned General Technical Base Part B; also served as team member on self-assessment of the EHSS Technical Qualification Program</li> <li>Developed multiple Frequently Asked Questions for DOE-STD-3009-2014 and DOE-STD-1104-2016</li> <li>Filled the vacant EHSS-32 Director position and hired a GS-15 nuclear engineer in EHSS-31</li> <li>Supported EFCOG activities in the areas of Nuclear and Facility Safety and Quality Assurance</li> <li>Served on IPT for DOE O 420.2D, Safety of Accelerator Facilities – issued 9/9/2022</li> <li>Supported significant revisions to draft American Nuclear Society Standard 57.11, Integrated Safety Assessments [ISA] for Nonreactor Nuclear Facilities</li> <li>Developed and initiated a plan for a DSA and ISA comparison project</li> <li>Completed continuing training videos for DOE-STD-1063 and DOE-STD-3025 revisions</li> <li>Presented on Configuration Management at the 2021 Accelerator Safety Workshop in October 2021</li> <li>Safety Software Central Registry - developed options for new path forward to discuss with the DOE community.</li> <li>IHS Markit Engineering Workbench subscription for online access to publications awarded on September 01, 2022, to include expanded users from DOE's Nuclear Safety Coordinating Community.</li> </ul>

The **Office of Headquarters Security Operations (EHSS-40)** strengthens national security by protecting personnel, facilities, property, classified information, and sensitive unclassified information for DOE HQ facilities in the National Capital Area under normal and abnormal (i.e., emergency) conditions, managing access authorization functions for DOE HQ, ensuring that employees and visitors are fully protected, and supporting efforts to ensure the continuity of government in all circumstances as mandated by Presidential Policy Directives. The Office is also responsible for personnel security information processing activities at DOE HQ.

Office of Headquarters Security Operations	
Title	Goal
Continuity of Operations (COOP) Program	<ul style="list-style-type: none"> <li>Updated the EHSS COOP Plan to meet the new requirements of DOE O 150.1B.</li> </ul>
Emergency Preparedness	<ul style="list-style-type: none"> <li>Participated in MA Emergency Management Occupant Emergency Plan (OEP) and Incident Management Team (IMT) tests, training, and exercise events.</li> <li>Revised Protective Force Emergency Standard Operating Procedures to include actions and responsibilities in the OEP.</li> </ul>

## EHSS FY22 Accomplishments

Office of Headquarters Security Operations	
Title	Goal
	<ul style="list-style-type: none"> <li>Developed the first EHSS OEP Supplemental to inform employees of emergency preparedness activities and actions during an emergency.</li> <li>Ensured emergency management activities are consistent with DOE O 151.1D, Comprehensive Emergency Management System, the HQ OEPs, and in coordination with NA-40.</li> </ul>
Business Process Analysis / Business Impact Analysis (BPA/BIA)	<ul style="list-style-type: none"> <li>EHSS-40 completed the bi-annual Department-wide BPA/BIA conducted by the Office of Continuity Programs, NA-43, in accordance with Federal Continuity Directives and DOE Order 150.1B.</li> </ul>
Primary Mission Essential Function (PMEF)/Mission Essential Function (MEF) Revalidation Package	<ul style="list-style-type: none"> <li>EHSS participated in the PMEF/MEF Revalidation cycle in support of the National Security Council and the Federal Emergency Management Agency's Office of National Continuity Programs.</li> <li>EHSS identified two additional MEFs for which we are consulting partners.</li> </ul>
Equipment	<ul style="list-style-type: none"> <li>Central Classified Destruction Facility upgrades installed, and operations re-started.</li> <li>Acquired 700 compliant card readers for FY23 installation.</li> <li>Installed Innometriks-ID Server, main infrastructure component of FIPS 201.2 compliance project.</li> <li>Procured 6 Juniper firewall VPN Routers and built the firewall management console.</li> <li>Installation of land mobile radio infrastructure equipment supporting DOE HQs CPF, IMT and facilities.</li> <li>Modernized PTZ cameras increasing surveillance within the DOE HQs.</li> <li>Replacement of the Genetec EOL servers supporting the Genetec Security Center was not undertaken as planned. Discussions with Genetec Engineering identified current hardware remained viable. Instead, the current equipment warranty was extended saving DOE \$20K from initial project estimate.</li> </ul>
Protective Force Contract	<ul style="list-style-type: none"> <li>New Protective Force contract awarded in the 2nd Qtr FY22.</li> <li>Contract transition completed in the 3rd Qtr FY22.</li> <li>Development of a performance observation and tracking tool providing weekly /Quarterly performance observations to enhance contractor performance.</li> </ul>
DOE Headquarters Visitor Badging	<ul style="list-style-type: none"> <li>Replacement of the Headquarters Visitor Database system was completed and implemented.</li> <li>Badge kiosks were upgraded with capability of coding DoD Common Access Cards.</li> </ul>
Security Area Program	<ul style="list-style-type: none"> <li>Update of the Headquarters Facility Master Security Plan (HQFMSP). Updates incorporated new developments and policy changes regarding security requirements and protocols within the Headquarters.</li> </ul>



## EHSS FY22 Accomplishments

Office of Headquarters Security Operations	
Title	Goal
	<ul style="list-style-type: none"> <li>Completed scheduled Physical Systems Vault Type Room Intrusion Detection Systems/Access Control Testing.</li> </ul>
Training	<ul style="list-style-type: none"> <li>HQ Protective Force completed all training requirements in accordance with the Officially Designated Federal Security Authority approved Annual Training Plan for FY22.</li> <li>HQ ProForce procedures, equipment, personnel, and physical security systems were tested throughout FY22 using a series of no-notice and limited notice exercises, and internal and external assessments and surveys.</li> <li>Security response plans were trained and rehearsed during the conduct of the annual active shooter exercises conducted within each of the HQ facility.</li> <li>“Sand Table” exercises were used to provide leadership training for ProForce supervisors and CAS operators using the active shooter response scenario.</li> </ul>
OPSEC Program	<ul style="list-style-type: none"> <li>Provided training to the Headquarters Security Officers (HSO) and OPSEC representatives on the HQFMSP, Chapter 8, OPSEC.</li> <li>Provided and/or assisted OPSEC training/support to the DNFSB, National Science Foundation, U.S. Office of Commerce.</li> <li>Presented an OPSEC briefing at the annual Enterprise Threat Mitigation (ETM) Symposium (January 2022). Developed and provided OPSEC articles for the quarterly ETM newsletter.</li> <li>Developed an OPSEC briefing for the annual FOCI/FCL Workshop for September 2022.</li> <li>Assisted Southeastern Power Administration with establishing a security program. Provided training materials for the employees.</li> </ul>
FOCI/FCL	<ul style="list-style-type: none"> <li>Entity Eligibility Determination Working Group (EEDWG) started an initiative to bring back the EEDWG to facilitate DOE FOCI/Facility Clearance (FCL) community member engagement on emerging and existent FOCI/FCL program trends.</li> <li>Initiated Key Management Personnel (KMP) review for companies registered under DOE HQ.</li> <li>Completed review of 72 companies under DCSA cognizance: FCL reciprocity.</li> <li>Completed review of approx. 50 DOE HQ facilities.</li> <li>Conducted SSIMS review for all expired CSCS/FCL under DOE HQ, there was a total of 125 CSCS registered as active that required termination.</li> </ul>
Headquarters Surveys	<ul style="list-style-type: none"> <li>Completed 6 HSO Program Surveys.</li> <li>Completed 1 Periodic Survey.</li> <li>Survey Operations:</li> </ul>

## EHSS FY22 Accomplishments

Office of Headquarters Security Operations	
Title	Goal
	<ul style="list-style-type: none"> <li>○ Updated Trending and Analysis catalog for HQ survey results.</li> <li>○ Updated database used to track survey findings and Corrective Action Plans.</li> <li>○ Presented common survey findings and recommendations at the quarterly HSO meeting.</li> </ul>
Classified Matter Protection and Control (CMPC)	<ul style="list-style-type: none"> <li>● Conducted over 27 briefings.</li> <li>● Trained approximately 421 individuals.</li> <li>● Established Hand Carry/Courier Card authorization program.</li> <li>● Established Working Group for CMPC.</li> <li>● Drafted Standard Operating Procedure (SOP) and Sample Courier Card Issuance Database.</li> </ul>
Headquarters Security Incidents Program	Received notifications of, and tracked completion of, 9 inquiries for reported security incidents in the Safeguards and Security Information Management System.
Security Awareness Program	<ul style="list-style-type: none"> <li>● Facilitated and updated the total revision to 2022's Annual Security Refresher Briefing (ASRB), released in October 2022.</li> <li>● Met goal of 100% completion of 2021 ASRB for DOE cleared Federal and contract employees. The ASRB was used to provide annual security training to over 3,500 DOE field sites and government activities – testament to the quality of the briefing.</li> <li>● Updated security monitor material for HQ facilities.</li> </ul>
Headquarters Security Officer Program	<ul style="list-style-type: none"> <li>● HQFMSP Chapter Updates.</li> <li>● Developed/coordinated and conducted HSO quarterly meetings and recurring training based on HQFMSP chapter requirements – facilitated SME briefings for these meetings.</li> </ul>
Document Imaging of Personnel Files	<ul style="list-style-type: none"> <li>● Scanned all remaining 200 PSFs.</li> <li>● Scanned and uploaded over 1,000 active personnel security files into the Clearance Action Tracking System (CATS);</li> <li>● Scanned and uploaded over 400 terminated files for year 2020 vault shelves.</li> <li>● Prepared for destruction and submission to the National Archives and Records Administration in accordance with the RIDS schedule: <ul style="list-style-type: none"> <li>○ 68 boxes containing 1,258 files for year 2012.</li> <li>○ 62 boxes containing 1,113 files for year 2013.</li> </ul> </li> </ul>
Recertification of Other Government Agency (OGA) Clearances	Recertified 31% (4,500) of the remaining OGA clearances and completing 42 of the 58 agencies requiring review. This effort reduced the overall number of unsponsored clearances to below 9,500 – further reducing the risk to the Department.
Personnel Security Desk References	<ul style="list-style-type: none"> <li>● Completed all 24 Adjudicative Desk References.</li> <li>● Developed the Periodic Reinvestigations Deferrals Desk Reference.</li> <li>● Began the development on a comprehensive Processing Procedures and Instructions Manual which is 85% complete.</li> </ul>

## EHSS FY22 Accomplishments

Office of Headquarters Security Operations	
Title	Goal
eQIP Plan	Trained and mentored 48 program office HSOs on initiating their personnel into eQIP and continues to provide refresher training for new and all HSOs.
EHSS-43 SharePoint Site for Customers	<ul style="list-style-type: none"> <li>Continued real-time updates to the Customer SharePoint, including building in resources such as the CATS Customer Service Portal; CATS Access Request Form; the updated DOE O 472.2A, Personnel Security; and eQIP Resources for HSOs.</li> <li>Ensured transparency of the security clearance process and the future of personnel vetting throughout the Federal government by meeting with 28 Program Offices on PR Deferrals process and implementation of Trusted Workforce (TW).</li> <li>Conducted 38 educational sessions with other DOE Program Offices on the Security Clearance Process, HSPD-12, and the Pre-Appointment Waiver Process, as well as outreach on contract pre-employment requirements in accordance with the DOE Acquisition Regulation.</li> </ul>
Intelligence Reform Terrorism Prevention Act (IRTPA)	Met IRTPA requirements for eight months through August 2022.
Technical Qualifications Program (TQP) Training	Completed 54% for all training within TQP.
Shared Folder to SharePoint Migration	<ul style="list-style-type: none"> <li>Completed the migration of all files from the Shared Drive to the current existing SharePoint production Personnel Security site.</li> <li>Between 10/1/2021 and 6/30/2022, EHSS-43 migrated over 80,000 electronic files from the Shared Drive to the respective SharePoint libraries.</li> </ul>
TW	<ul style="list-style-type: none"> <li>EHSS-43 has provided fundamental input to the implementation of TW within the Department by participating in various working groups and focus groups, both at the intra-agency level and interagency level.</li> <li>Onboarded all Personnel Security Specialists within EHSS-43 into NBIS, as well as establishing all of HQs 42 Program Offices into its hierarchy.</li> <li>Led the Vetting Risk Operations TW Pilot to assist the Department with better focusing their resources on responding to valid, actionable alerts, rather than building in-house alert management capabilities.</li> </ul>
Permanent Certifications	Coordinated with Senate Security for the permanent certification of clearance information for the Secretary, Deputy Secretary, and Assistant Secretary for Congressional Affairs.
Clearance Action Tracking System User Access Revalidation	Successfully revalidate all current CATS Users and facilitated more streamlined and rigorous user agreement procedures for allowing access to personnel security files throughout the Department.
Presidential Transition	Between 10/1/2021 and 9/1/2022, EHSS-43 processed 54 Presidential Transition members who required a clearance; eight

## EHSS FY22 Accomplishments

Office of Headquarters Security Operations	
Title	Goal
	of which were Senate Confirmed positions requiring coordination through the Federal Bureau of Investigations.
Clearance/HSPD-12	<ul style="list-style-type: none"> <li> <b>Processing</b>            In FY22, EHSS-43 processed 920 grant actions; 375 continue actions; 1,202 visit requests; and 1,595 investigations at the Tier 1 through Tier 5 level to the investigative service provider; amassing a total of 2,603 hours of personnel security clearance processing hours alone. Additionally, the processing team completed 215 actions for members of Congress and Congressional staff, culminating to nearly 60 hours of dedicated service specifically to our legislative branch.         </li> <li> <b>Adjudication</b>            In FY22, EHSS-43 adjudicated 853 clearance cases; 962 HSPD-12 cases; completed 129 other adjudicative actions, such as LOIs, Psychiatric Evaluations and Counterintelligence Reports; validated 1,482 Continuous Evaluation Alerts and adjudicated 165 of those alerts – amassing over 5,545 hours of personnel security clearance adjudication hours alone. Additionally, the adjudication team worked 30 Privacy Act/Freedom of Information Act cases and 11 Administrative Review cases which culminated to over 108 hours of logistic and executive coordination with other program offices.         </li> </ul>
Pre-Appointment Waiver Process	EHSS-43, in coordination with the Office of Human Capital, reinvigorated the Pre-Appointment Waiver Process. This effort led to the re-approval of an additional two years for the Department to utilize the waiver for federal employees subject to the pre-appointment investigative requirement under 5 CFR 1400, and streamlining the process between Program Offices, OHC, and EHSS-43; as well as developing a standardized form to be used during the request.
Suitability Process	EHSS-43 assisted in the establishment of both pre-employment and final suitability processes with the Office of Inspector General, OHROC, and DNFSB.
HSPD-12 Transition to EHSS-74	Between 1/2022 and 4/2022, EHSS-43 transitioned the HSPD-12 program for federal employees to the Office of Operations and Support (EHSS-74); building from the ground up, a comprehensive, robust, and thorough training program that included reference documents, training manuals, and hands-on instruction for personnel who had no former adjudicative or personnel security experience.

The **Office of Security (EHSS-50)** maintains and promotes the Department of Energy’s corporate security strategies for the preservation of National Security and protection of critical assets entrusted to the Department. The Office of Security executes this mission through the development and promulgation of safeguards and security policy, by providing comprehensive security expertise to assist Headquarters

## EHSS FY22 Accomplishments

and field elements in planning site protection strategies and protection operations. A collection of staff with diverse safeguards and security experience provides sites and programs technical assistance, performance testing support, emerging technology assessments, and safeguards and security integration support.

Office of Security	
Title	Goal
TW 1.5 Implementation	Implementation is ongoing. Issued Secretarial TW Implementation Strategy Memorandum, outlining DOE's path to TW 1.5 implementation.
(MAPPRITE)	<ul style="list-style-type: none"> <li>The Implementation Phase included the development of Knowledge Capture Exercises and personal interviews with SMEs. These efforts have generated more than 100 distinct database records for the MAPPRITE data set.</li> <li>This data set is beginning to establish a searchable resource for S&amp;S policy stakeholders to better understand the history and context of policies and requirements, leading to improved efficiency and effectiveness of S&amp;S policy.</li> <li>The MAPPRITE Curation Team, with representatives from EHSS-50/51/52/53 has tested operability with direct access to the application and has driven numerous improvements for curation and user experience.</li> <li>The initial evaluation of the database tool has shown promise for the tool's application in the development of Departmental policies. It provides policy development staff a resource for relevant policy documents (including national-level drivers), past policy decisions and the rationale for those decisions.</li> </ul>
Security System Design References (SSDR)	<ul style="list-style-type: none"> <li>The Entry Control and Contraband Detection SSDR was published in October 2021.</li> <li>The Blast Protection SSDR was completed in June 2022.</li> </ul>
Security Risk Assessment Matrix (SRAM) Software	<ul style="list-style-type: none"> <li>User diagnostics were developed and are currently operational within SRAM.</li> <li>Adjustments to the project schedule were necessary to design and implement new CUI order marking requirements into reports generated by SRAM.</li> <li>Scenarios for mission recovery, incident response, unmanned aircraft systems, and critical infrastructure have been designed, and are being tested. Scenario models are expected to be deployed as early as this year when testing confirms they are working correctly.</li> </ul>
Safeguards Seal Selection Tool	The software was published in August 2022.
Performance Test Working Group (PTWG)	<ul style="list-style-type: none"> <li>Development of a Canine Explosives Detection Team Certification technical standard was completed and submitted to RevCom for formal Department-wide review on August 4th; comments have been received and adjudication is ongoing.</li> <li>The NTC demonstrated new Controller training that was developed under the guidance of the PTWG Training Committee at the October 2022 PTWG meeting.</li> </ul>

## EHSS FY22 Accomplishments

<b>Office of Security</b>	
<b>Title</b>	<b>Goal</b>
Counter UAS (CUAS) Interim Guidance	Interim CUAS guidance was issued by the Secretary in May 2021. Follow-on efforts included the publication of a CUAS Security System Design Reference in 2022 and the development of a CUAS Selection Tool to be published in FY23.
Design Basis Threat (DBT) Policy Clarification	Package was submitted for concurrence and a recommendation was made to redraft the verbiage to delineate clarifications from new requirements. All clarifications will be added into the next update to DOE O 470.3C Design Basis Threat.
Updated Graded Adversary Scenario Scoring Matrix (GASSM)	GASSM memo to reflect current organizations and DBT Change 1 requirements was approved and issued to the field.
2022 Radiation Source Protection and Security Task Force Report	EHSS worked with 14 Federal agencies to produce the 2022 Radiation Source Protection and Security Task Force Report. On August 4, the Secretary of Energy concurred on the Final report and transmitted a signed letter to Nuclear Regulatory Commission Chairman Christopher Hanson. On August 5, Chairman Hanson submitted the 2022 Task Force Report to the President and Congress. The report on the status of radiological material security in the U.S. is required every four years per the Energy Policy Act of 2005.
National Instant Criminal Background Investigation System	Adhered to Federally established suspenses and provided bi-annual reports involving persons who are prohibited from shipping, possessing, or receiving firearms under Federal firearms laws. The reporting ensures submission of information categories of persons prohibited from purchasing or possessing firearms.

The **Office of Classification (EHSS-60)** develops and interprets Government-wide and Department-wide policies, procedures, and guidance, performs document reviews, and conducts training to ensure the accurate identification of information and documents that must be classified or controlled under statute or Executive Order (E.O.) to protect the National Security. Develops, issues, and interprets policies and procedures to implement DOE's classification program under the Atomic Energy Act, 10 CFR part 1045, E.O. 13526, and 32 CFR part 2001. Ensures a continuous review of classification policy and guidance for Restricted Data (RD) and Formerly Restricted Data (FRD) as required by the Atomic Energy Act of 1954, as amended, and recommends for the approval of the Associate Under Secretary all actions involving the declassification of RD and FRD information.

<b>Office of Classification</b>	
<b>Title</b>	<b>Goal</b>
Quality Assurance Reviews	Four were planned and two were completed. Two DHS components were planned and initiated, but DHS decided to evaluate the components. Other agencies were contacted but not scheduled due to programs being reconstructed as agencies return to work post-pandemic.
Classification and Unclassified Controlled Nuclear Information (UCNI) Program Evaluations	Conducted evaluations of DOE/NNSA program classification and UCNI programs as required under DOE directives to include: ROO, PNSO, PNL, MSC, NNSA HQ, ANL, BNL, KCFO, KCP, and the FIE and Counterintelligence Field Office

## EHSS FY22 Accomplishments

Office of Classification	
Title	Goal
	at PNSO and KCP.
Classification Officers Technical Program Review Meeting	Hosted the FY22 annual meeting of DOE/NNSA Federal and Contractor Classification Officers in order to provide information and discuss updates and issues concerning classification and UCNI policies and procedures.
FOIA and MDR Requests	In FY22, 3 FOIAs were closed and 17 MDRs were closed.
FOIA and MDR Appeals	In FY22, 11 Appeals (5 FOIA Appeals, 6 MDR Appeals) were closed.
Restricted Data Derivative Classifier Training	<ul style="list-style-type: none"> <li>• 75% development of training completed, but not finalized due to higher priority projects including, Transclassified Foreign Nuclear Information (TFNI) training (2 modules), EHSS CUI video training and materials, and Policy Bulletins 7 and 8.</li> <li>• Developed RD Derivative Classifiers course. Determined appropriate format, completed planning for video modules and content. Drafted content for modules.</li> <li>• Completed and distributed PowerPoint training and made it available RDMOs on the page Max.gov and energy.gov.</li> <li>• Initiated development of a RD Derivative Classifiers eLearning course. Determined the appropriate format, completed planning for video modules and content. Drafted content for modules.</li> </ul>
Classification Officials (CO) Certification Program	<p>We exceeded our goals in this program.</p> <ul style="list-style-type: none"> <li>• Conducted 11 DC Course to train 95 new DCs.</li> <li>• Conducted five DD Coursed to training 41 new DD Candidates.</li> <li>• Conducted CO/CA Coursed to train 33 classification analyst and COs.</li> <li>• Conducted two OWC Coursed to train 21 individuals.</li> <li>• Conducted two CG-SS-5 Courses to train 20 individuals.</li> <li>• Developed and presented a WPMU refresher training module for EHSS-63 reviewers.</li> <li>• CBT for email DC initial and recertification presented to 1120 individuals.</li> <li>• Conducted 12 one-week HRRDR Course for a total of 129 reviewers. Only four were projected for the year; eight were in response to OGA request.</li> <li>• Conducted 4 HRRDR Refresher Training Courses for a total of 32 Students. All were in response to requests.</li> </ul>



## EHSS FY22 Accomplishments

Office of Classification	
Title	Goal
Classification Guides	<ul style="list-style-type: none"> <li>Completed final draft for field review of a revision of the radiological emergency response guide.</li> <li>Revision to nuclear enterprise assurance classification guide is completed.</li> <li>UCNI guide for Mobile Guardian Transporter is completed.</li> <li>8 additional guides approved: radiological dispersal device guide, technical nuclear forensics guide, subcritical experiments guide, weapons materials guide, nuclear smuggling deterrence and detection guide and its annex, and weapons outputs guide.</li> <li>31 HQ guides reviewed for regulatory compliance.</li> </ul>
FOIA	Completed FY21 and prior FOIA response classification reviews.
General Guidelines	<p>Placed GG-6, <i>Unclassified Controlled Nuclear Information General Guideline</i>, into concurrence.</p> <ul style="list-style-type: none"> <li>TNP-94, <i>Revision to Change to Classification of Proliferation Detection Vulnerability Information</i> is in external concurrence.</li> </ul>
Bulletins	<ul style="list-style-type: none"> <li>Bulletin for non-proliferation tools (TNP-91) is currently being reviewed by the program office.</li> <li>Draft bulletin for military microreactors (TNP-95) was provided to the program office for review; Bulletin for chemical forensics (TNP-97) is complete and approved.</li> <li>11 more bulletins also approved: logic management box (WNP-200), backfill gas (WNP-198), the depleted uranium declassification (WNP-201), the ORNL Waste Burial Ground and Radioactive Material Storage facilities (TNP-100), machine tool evaluation (WNP-194), the DUECE centrifuge (TNP-102), nuclear material exchange (TNP-105), pit manufacturing surrogates (WNP-204), training facilities for pit manufacturing (WNP-203), two nicknames bulletins (WNP-197, and WNP-205).</li> <li>In concurrence: changes in guidance for use control information (WNP-195).</li> </ul>
Declassification Proposals	<p>Completed:</p> <ul style="list-style-type: none"> <li>Nuclear Weapon Stockpile and Dismantlement Quantities Through Fiscal Year FY20.</li> <li>Y-12 Depleted Uranium.</li> <li>Pu Material Exchange for Nuclear Security Enterprise</li> </ul> <p>In Process:</p> <ul style="list-style-type: none"> <li>Total weapon yields.</li> <li>Lithium Enrichment Technologies.</li> <li>Gaseous Diffusion Information.</li> <li>MPCA Information.</li> <li>Nuclear Weapon Stockpile and Dismantlement Quantities Through FY21.</li> </ul>



## EHSS FY22 Accomplishments

Office of Classification	
Title	Goal
Initial RD Determination	Completed requests for initial RD determination within 60 days of Military Microreactors and New Y-12 Lithium Production Process.
DNFSB Pre-Publication	Completed pre-publication classification reviews of 1,700 pages of DNFSB documents.
5 USC 552 FOIA Responses	Completed declassification reviews of 26,702 pages of FY21 and prior FOIA response documents.
EO 13526, Section 3.3, Automatic Declassification	Completed declassification reviews of 1,000,000 pages of 25-year-old classified permanent records ahead of schedule.
EO 13526, Section 3.5, Mandatory Declassification Review	Completed 5,625 pages of MDRs.
Restricted Data Derivative Classifier Training	<ul style="list-style-type: none"> <li>Completed and distributed PowerPoint training and made it available RDMOs on the page Max.gov and energy.gov.</li> <li>Initiated development of a RD Derivative Classifiers eLearning course. Determined the appropriate format, completed planning for video modules and content. Drafted content for modules.</li> </ul>
Access to RD/FRD Training	Completed course and posted on max.gov and energy.gov for use by other agencies.
TFNI Training	<ul style="list-style-type: none"> <li>Completed and distributed PowerPoint training and made it available RDMOs on the page Max.gov and energy.gov.</li> <li>eLearning course is 80% complete pending review by management and conversion to video format.</li> </ul>
CG-SS-5, Safeguards and Security Classification Training Course	All modules of the course were updated to incorporate lessons learned and update to reflect CUI and policy bulletins 7 and 8.
Performance Based Test Generator	The PBT generator has been completed and used on the unclassified side to distribute CG-SS-4 PBTs to reduce the number of hard copy mailings and the certification timeline.
NDAA mandate in Section 1685 that the Public Interest Declassification Board	Participated in an Executive Session of the PIDB and discussed the Congressionally mandated feasibility study on the declassification of information related to Marshall Island testing. Presented an extensive, detailed overview of DOE's past efforts to provide the Marshall Islands responsive records related to nuclear weapons testing and related activities.

The **Office of Resource Management (EHSS-70)** supports the infrastructure of EHSS by providing balanced, unbiased, technically competent, and customer focused services in the areas of: (1) Financial Management, including budget formulation and execution; (2) Procurement Management, including contract and credit card programs; (3) Information Management, including technology-based solutions and programs; (4) Human Resources, including recruitment and retention programs; (5) Administrative Services, including property management, travel, and work space management; and; (6) Strategic and Program Planning including performance and efficiency measures.

## EHSS FY22 Accomplishments

Office of Resource Management	
Title	Goal
Human Resource	<ul style="list-style-type: none"> <li>Restructured the Office of Business Operations to separate Procurement and Budget into two offices.</li> <li>Completed all EHSS staffing plans.</li> <li>Ensured all EHSS employees are on completed Remote/telework agreements based on the future of work of EHSS and ensured duty station changes were made as needed.</li> <li>Participated as a SME reviewer for the DOE-FLEX: DOE's telework program (DOE Order 314.1) re-write.</li> <li>Continue to reevaluate the applicability of SOPs and whether they are more useful as desk references/instructions rather than SOPs.</li> </ul>
Personal Identity Verification	Established a new office that will manage and administer the Personal Identity Verification (PIV) adjudications for uncleared employees at DOE Headquarters as required by Homeland Security Presidential Directive-12 (HSPD-12).
Records Management	Completed conversion of hard copy RIDs to an electronic file plan.
Logistics	<p>Facilitated and supported the Re-entry Plan for EHSS staff. Completed the following projects:</p> <ul style="list-style-type: none"> <li>FORS Conference Room.</li> </ul> <p>Work is ongoing on the following projects:</p> <ul style="list-style-type: none"> <li>MSOC project.</li> <li>GTN CAS HVAC project.</li> <li>Furniture deployment for items in storage because of maximum telework.</li> </ul>
Training	Continued to co-chair Federal Training Order 360.1C rewrite. Order is currently undergoing an impasse due to BPA's non concurrence.
Procurement	<ul style="list-style-type: none"> <li>Awarded all recompleted contracts (2).</li> <li>Initiated the procurement process for the recomplete of IT Services and the class/declass contracts.</li> <li>Processed over 175 purchase contract actions and assisted in the management of 15 contracts, 13 grants and cooperative agreements, 3 purchase orders and 12 interagency agreements valued at over \$275M.</li> </ul>
Information Technology	<ul style="list-style-type: none"> <li>Completed the EHSS-40 HQ Radio System Upgrade project and the HQ Visitor Management project.</li> <li>Progress is underway for the AUCT replacement project, to include the transition to the new eDOCS based EHSS correspondence tracking and workflow platform.</li> </ul> <p>The following projects are on-going.</p> <ul style="list-style-type: none"> <li>Implementation of the Combine Classified Networks project (C-LAN and SSIMS) to modernize the classified systems and improve service and capabilities for end users of the CLAN and SSIMS.</li> </ul>

## EHSS FY22 Accomplishments

Office of Resource Management	
Title	Goal
	<ul style="list-style-type: none"> <li>• Migration of the electronic DOE Integrated Security System (eDISS+) and the Unclassified SSIMS (U-SSIMS) from the EITS data center to the EHSS F-Wing Server Room under the Unclassified Combined Network project.</li> <li>• Transition of the cyber security program to the Cyber Security Assessment and Management (CSAM) tool which will provide additional visibility and efficiencies for the EHSS cyber security program.</li> <li>• Support the EHSS IT environment under post COVID-19 operational environments.</li> <li>• A draft of the updated version of the EHSS Privacy Program Standard Operating Procedure is under review.</li> <li>• Initiated EHSS participation in the DOE Chief Information Officer administered Continuous Diagnostic and monitoring (CDM) cyber security penetration testing using the no cost PenTest program.</li> </ul>
PIV (HSPD-12) / USAccess	<ul style="list-style-type: none"> <li>• Operations Plan for the DOE PIV Card Issuer (PCI) as required by DOE O 206.2 and FIPS 201 is in process.</li> <li>• Support for the DOE complex on the transition of over 120,000 PIV cards from the v7.0 PIV card to the v8.1 PIV card is ongoing.</li> <li>• Supporting the Office of Science initiative to expand the issuance of PIV cards across the Science enterprise.</li> <li>• Continue to assist DOE field elements with the transition to expanded operations post-COVID restrictions.</li> </ul>
Budget	<ul style="list-style-type: none"> <li>• Successfully executed FY22 budget.</li> <li>• Formulated the FY23 budget.</li> <li>• Formulated FY 24 budget up through submission of the OMB Budget Justification.</li> </ul>

## E. LEADERSHIP GOALS

Office of the Director	
Title	Goal
Department Agency Occupational Safety and Health Official (DASHO)	Deputy Secretary approved designation request April 1, 2022, Secretary signed Designation Order S1-DES-EH1-2022 designating Director, EHSS as DASHO on June 6, 2022.
Combined Federal Campaign (CFC)	Served as the Department's Vice Chairperson for the CFC. The campaign significantly exceeded the Department's goals set for donations and participation.
COVID-19 Monitoring and Recovery	Continued to provide critical leadership and assistance in the Department's efforts to combat the ongoing COVID-19 pandemic.
Improve Nuclear Safety	Continued to improve the nuclear safety framework to help ensure that resources are efficiently and effectively focused on those activities and hazards that reduce risk and adverse impacts to the

## EHSS FY22 Accomplishments

	public the workers and the environment. This includes exploring the potential rulemaking associated with 10 CFR 830, new directive/standards, and revisions to current directives/standards.
Climate Action and Sustainability Leadership	Served as a member of the Department's Sustainability Steering Committee, continued providing leadership development and implementation assistance for the Department's Climate Adaptation and Resilience Plan.
Department of Energy Conservation Action Plan (CAP) Leadership	Led the coordination and development of the Department's first CAP, in support of the Biden-Harris Administration's America the Beautiful Initiative
Addressing Per- and Polyfluoroalkyl Substances at the Department of Energy	Led the effort to understand PFAS use in DOE and address the impacts of emerging EPA regulations and Congressional direction. EHSS is taking a leadership role as the Chair of the newly established PFAS Coordinating Committee on behalf of the Deputy Secretary.
Security Culture	Assessed current security culture environment, communicate security culture as a high-profile issue, and educate stakeholders on its vital role within the DOE Mission.
Security Policy	<ul style="list-style-type: none"> <li>• Promotion of consistent development and application of policies and methodologies to protect US assets is ongoing.</li> <li>• Incorporated threat identification and analysis into policy development by identifying emergent threat environments, developing comprehensive security policies and processes, and promulgating understanding across the enterprise.</li> <li>• Enhanced communication and pursue consistent application and implementation of all policies and processes</li> </ul>
Security Technology Solutions	Supported the utilization of effective safeguards and security and classification technology solutions to meet operational needs for the Department by developing an acquisition process for DOE Safeguards and Security technology solutions in support of security mission requirements.
Security Resources	Accomplished an effective resourcing process that successfully addresses broad, dynamic security priorities by establishing a Resource Control Forum to promote transparency and joint decision-making among EHSS Tier 1 and Tier 2 managers.
Program Reviews	Program Reviews with all EHSS offices were conducted at the end of FY 22.
EHSS All Hands	Conducted EHSS All-Hands meetings in February and June of 2022.
Budget	Managed and oversaw all EHSS Programs within Budget.
Management Priorities	EHSS provided FY23 Management Priorities and the accomplishments to FY22 Management Priorities to the Chief Financial Officer.
Laboratory Operations Board (LOB)	Attended all conducted quarterly LOB meetings.
Congressional Briefings	<ul style="list-style-type: none"> <li>• EHSS testified in before the HNR Oversight Committee in October 2021.</li> <li>• Two QFR were responded to by EHSS. One regarding the October testimony and one regarding the Secretary's use of electric cars.</li> </ul>

## EHSS FY22 Accomplishments

	<ul style="list-style-type: none"> <li>• Met with SEWD and SASC regarding FY23 Budget.</li> <li>• Met with SASC staff in March 2022 regarding UAS language.</li> </ul>
Interface with DNFSB	Participated in Senior Leadership meetings with the DNFSB.
Safety Culture Improvement Panel (SCIP)	Participated as Co-Chair in 11 Department-wide safety culture meetings, including the Annual Workshop in August 2022, at Argonne National Laboratory.
Safety Culture Leadership	<ul style="list-style-type: none"> <li>• Facilitated/supported delivery of multiple leadership training sessions to promote Leadership for a strong Safety Culture training across the Department.</li> <li>• Provided regularly scheduled Executive Essentials Sessions on Safety Culture for new Departmental Senior Executive Service</li> </ul>
Safety Culture Assessment Benchmarking	Supported multiple external safety culture self-assessments at Duke Energy to promote organizational learning, which will be used to develop DOE's future safety culture assistance visit process.
Safety Culture External Engagements	At the request of the Federal Aviation Administration, participated in a meeting to share best practices for implementing safety culture.
Federal Preservation Officer	<ul style="list-style-type: none"> <li>• Participated in the Secretary of Energy's Tribal Summit, as DOE's lead for ensuring effective implementation of the National Historic Preservation Act and related requirements.</li> <li>• Provided policy guidance and assistance to Program and Site Offices regarding historic and cultural preservation issues.</li> <li>• Supported efforts to develop and provide consolidated Departmental information to the White House on historic preservation, cultural resource, and tribal engagement issues.</li> </ul>
Integrated Safety Management (ISM)	Reemphasizing ISM as the primary driver for all we do particularly within our Environment, Safety and Health offices and increased collaboration with SCIP activities.
EHSS Leadership Representative on Departmental Level	<ul style="list-style-type: none"> <li>• Attended two scheduled Suitability and Security Clearance Performance Accountability Council meetings.</li> <li>• Attended several Security Protection Verification Committee Nuclear Security Guidance Committee Department of Homeland Security National Biosurveillance Integration Center (NBIC) Advisory Board.</li> <li>• Attended scheduled DICARC meetings.</li> <li>• Participated as a member of the NELT Steering Committee.</li> </ul>
Technical Qualification Program	Maintained participation in the TQP as a priority and the expectation for all EHSS technical staff and initiated a self-assessment of the EHSS TQP.
Professional Development	Reviewed EHSS and other DOE Organization strategies and tools for professional development to identify good practices and opportunities to capitalize on Department wide programs.
Promote mentoring of staff and managers	EHSS offices mentored eight interns in FY22.
Provide rotational opportunities	Encouraged and provided rotational opportunities to EHSS staff internal to DOE.

## EHSS FY22 Accomplishments

Speaking Engagements/Presentations	Addressed Former Worker Program Biannual meeting x2; Insider Threat Workshop; WHPP x2; EFCOG Annual Meeting; SCIP Annual Workshop; Personnel Security Workshop; Nuclear Safety and Facility Program Workshop and Human Reliability Workshop.
Outreach on EHSS Support and Technical Assistance	Over the year discussed with senior leadership across the Department future needs related to policy development, changes, and interpretation.
Assistance to Program Offices and the Field	Provided assistance with Security, Environment, and Safety issues across the Department as outlined in EHSS Office accomplishments.
Workshops and Conferences	Conducted and participated in various workshops to include those identified by EHSS offices as well as the NLCOO Workshop as a member of the LOB; National Clean Up Workshop; and Waste Management Workshop.
Employee Engagement	Met monthly with the Employee Engagement Working Group to develop strategies and incorporate feedback to the FEVS.
Reinforce EHSS Core Values while providing Customer Support	Continued the focus on superior customer support and reiterate our position as the premier support organization enabling Departmental mission execution through regular messaging and meetings with all new EHSS onboarding employees.
EHSS Professional of the Year Awards	Conducted the nominations process and selection was made and announced in the February 2022 All Hands meeting.
Weekly Directors Meetings	77 Directors meetings to share program activities were conducted.

### Chief Medical Officer

- CMO participated in the collective discussion between EFCOG-affiliated medical professionals and the EHSS-10 Office of Health & Safety during 2022, acknowledging and offering potential solutions to a number of significant challenges related to responding to the COVID-19 pandemic and implementing DOE's wide range of occupational health policies and programs. Results of the discussion included follow-on discussions regarding policy updates and more effective use of existing options for medical staffing, including peer-reviews for quality assurance and the use of telemedicine to ensure that DOE's most remote medical facilities have the benefit of qualified medical professionals. In addition, CMO has responded to requests from NNSA's NA-23-SH Office of Health & Safety for assistance in a number of areas given that their occupational health activities necessarily have additional security- and deployment-related requirements.
- CMO has supported the Department's two medical credentialing processes through EHSS-1.2 and EHSS-51 whereby physicians and psychologists nominated by site contractors undergo independent verification and analysis under state and national databases to ensure that they are qualified and have met standards of practice before and during employment within DOE's Human Reliability Program (HRP) and Protective Force program. The turnover of medical contractors during the COVID-19 pandemic has increased the number of nominations significantly as morale and resilience of medical professionals have emerged as national priorities.
- CMO has participated in Departmental, interagency, and professional gatherings such as the American Occupational Health Conference (AOHC) and Interagency Medical Council (IAMC) to identify meaningful information for the enhancement of DOE's response to the COVID-19 pandemic.
- CMO has participated in daily analysis of the DHS NBIC "monitoring list" of bioevents, as well as the periodic meetings of the National Interagency Working Group (NIWG) during which updates to

## EHSS FY22 Accomplishments

the NBIC strategic plan have been considered, including development of biosurveillance work products for the classified environment and for additional stakeholders (e.g., state, local, tribal, and territorial governments). DHS NBIC was sufficiently satisfied with these contributions that the CMO was requested to be detailed to their organization and subsequently added to the new Data Integration & Analysis Sub-Working Group.

- CMO has provided numerous consultations to DOE's Site Occupational Medicine Directors (SOMDs) and health & safety managers regarding the extant policies relating to matters of concern, including job hazard analyses, medical surveillance, and medical qualifications of mission essential personnel.
- CMO has submitted a CMO Weekly Update to EHSS leadership to include information regarding site and program consultations, routine support for sites and programs such as review of physician and psychologist credentials under DOE policies, and engagements with the interagency regarding government-wide benchmarking and initiatives.

### **Employee Concerns Program**

- Attended quarterly NAECP board meetings as a DOE non-voting member representative. Assisted in Coordinating NAECP annual workshop (no longer known as Spring/Fall workshop due to Covid) and held a DOE training Breakout session during the NAECP workshop and provided TLP-100 to NAECP attendees.
- Implemented a series of actions to provide information and promote the use of the ECP complex-wide, including:
  - The Annual Secretarial Notification, as of the writing of this report, is awaiting approval for DOECASST.
  - Coordinated with Human Capital to identify new employees and implemented bi-weekly individual welcome emails to our newly hired employees to advertise ECP program and provide a brochure.
  - Developed and created ECP Logo.
  - Provided Employee Concerns Program briefing across the DOE/NNSA complex.
  - Held monthly DOE ECP Network teleconferences that shared best practices with DOE/NNSA federal and contractor ECPs
  - Provided monthly training to the ECP Network by HQ ECP staff, including ECP roles and responsibilities, triaging new concerns, reviewing case studies, publicizing the ECP, developing investigation plans, use of the ECP database, etc., attended by an average of 84 people each session.
  - During the development of training in collaboration with NTC, the need to establish formal training qualification standards for ECP Managers and Coordinators was identified. The course materials have been revised and qualification standards are under development. The formal ECP training is scheduled to be piloted in FY23.
  - Completed gap analysis of required Implementation Plans of 23 of 24 Field Office ECPs, in effort to assess compliance with DOE O 442.1B and identify areas of improvement, providing ECP HQ a baseline for the overall health of the program.
  - Initiated Field Offices Program Reviews. This review of the ECP is part of an overall evaluation of the effectiveness of ECPs across DOE and NNSA. The information gathered will be used to develop further guidance, training, and resources to the ECPs and their management.
  - Conducted interviews with ECP staff at 14 DOE/NNSA Sites.
  - Issued 10 Final Reports, highlighting best practices and making recommendations for areas of improvement
  - Collaborated with EHSS-72, to transfer the ECP database to the DOE cloud.
  - Oversaw the development and implementation of contractors database environment for reporting statistics. This reporting structure has driven the necessary consistency in reporting ECP concerns data.



## EHSS FY22 Accomplishments

- Processed a total of 29 employee concerns, from individuals across the Complex, involving 35 separate issues, ensuring appropriate resolution, which may include investigation, referral, or transfer to Field Office ECPs for action or informal resolution.
- Processed an additional 23 non-concern contacts from individuals across the Complex, involving questions and/or issues not requiring formal investigation or resolution.
- Established a resource platform for the ECP Network in Kiteworks, including providing examples and templates for programmatic documents, recordings of monthly training sessions, notes pages from monthly Network calls, and other relevant resources.
- Began development of ECP SharePoint page, in cooperation with EHSS-72, to eventually transfer all ECP files to SharePoint.

### Safety Culture Improvement Panel

- The FY22 Safety Culture Improvement Panel (SCIP) Annual Plan was issued on 9/10/2022. A total of 94% (28 of 30) SCIP Annual Plan goals were completed (one was overcome by events, and one was deferred into the FY23 Annual Plan).
- A total of 11 monthly SCIP meetings were conducted, all of which included “organizational shares” to share best practices from across the DOE enterprise.
- Outstanding Safety Culture Award Guidance was issued after approval by the Secretary of Energy in December 2022 and the first inaugural awards were issued to recipients in August 2022 at the SCIP Annual Meeting.
- SCIP revisited the Strategic Plan (issued in 2016) during a meeting held in April 2022. Although it was determined revisions would be placed on hold until the revised/updated ISM approach is implemented, the meeting and subsequent review identified areas for improvement and enables the SCIP to engage in a discussion about the SCIP’s future direction.
- EHSS continues to provide subject matter expertise to support the development and delivery (in person and virtual) for safety culture TLP courses:
  - TLP-100, Safety Culture Fundamentals, is a five hour course targeted for all Federal and contractor senior leaders across the DOE enterprise. EHSS provided SME assistance in developing a classroom and a virtual course to support changes in training needs. Additional effort was expended to assist the NTC in training trainers to become certified NTC instructors.
  - TLP-200, Safety Culture for DOE & DOE Contractor Senior Leaders, is an eight hour course targeted to all DOE and DOE Contractor Senior Leaders across the DOE enterprise. EHSS provided SME support to DOE National Training Center (NTC) to revise/update materials and evaluate the methodology for delivery due to changing training needs. EHSS provided support to DOE NTC in resuming delivery of two in person courses in August 2022 at Oak Ridge TN. EHSS also identified and have assisted in the training and qualification of additional senior level instructors.
  - TLP-150, Safety Culture for Front Line Leaders, is an eight hour course for all Federal and contractor first line supervisors (or persons-in-charge). EHSS provided SME support to DOE National Training Center (NTC) to revise/update materials and evaluate the methodology for delivery due to changing training needs. EHSS provided support to DOE NTC in resuming delivery of two in person courses in August 2022 at Oak Ridge TN. EHSS also identified and assisted in the training and qualification of at least ten certified site instructors from across the enterprise (ID, LM, EM-OR, and EM-WIPP).
- Safety Culture Leadership Briefings
  - Provided an EA all-hands briefing on safety culture in April 2022.
  - Provided presentations for the Energy Contractors Operating Group (EFCOG) QA/ISM Safety Culture Task Team meetings held in November 2021 and April 2022.
  - Conducted quarterly C-Suite Executive Essentials briefings on safety culture.



## EHSS FY22 Accomplishments

<b>EHSS-1 Communications</b>	
EHSS Annual Operating Plan	The FY22 Annual Operating Plan was published in January 2022.
EHSS Accomplishments Report	The FY21 Accomplishments Report was published in January 2022.
EHSS Strategic Plan	The 2022-2024 Strategic Plan was published in March 2022.
FOIA Requests	62 FOIA requests were processed.
Privacy Act Requests	25 Privacy Act requests were processed.
Inspector General (IG) and Government Accountability Office (GAO)	29 Inspector General Audits were conducted resulting in 6 recommendations received – 4 closed; 20 Government Accountability Audits were conducted resulting in 3 recommendations received – 3 closed.
Executive Secretariat Tasks	Processed 200 Executive Secretariat Tasks to include required Reports to Congress.
Independent Document Reviews (IDRP)	Conducted 7 IDRP for EHSS reports distributed external to EHSS.
EHSS and S1 Weekly Reports	Published EHSS and S1 Weekly in accordance with provided instructions in a timely manner.
Daily News Clip	Generated daily news clips for EHSS leadership to keep them apprised of matters on interest reported by various media outlets.

## F. CONGRESSIONAL REPORTS

<b>Title</b>	
Annual Report to Congress Department of Energy Activities Related to the DNFSB	The report for F 21 was signed by the Secretary and dispatched to the appropriate Congressional Committees in March 2022.
Report to Congress on DOE's Response to Information Requested by the DNFSB	<ul style="list-style-type: none"> <li>The first report was signed by the Secretary in February 2022 and dispatched to appropriate Congressional Committees.</li> <li>The second report was signed and transmitted in August, 2022.</li> </ul> <p>It was confirmed with the Senate and House Armed Services Committees in September 2022 that reports are only needed if there is a denial to a DNFSB request for information.</p>
Report to Congress on Special Access Programs	This report is due every even calendar year. Efforts began to collect data and begin the development of the report.
Report to Congress on Certification of Category I and II Special Nuclear Materials	The report for 2022 is, at the time of this report, with the Deputy Secretary for review and approval.
Report to Congress on Republic of the Marshall Islands Special Medical Care and Logistical Support Program.	Report to Congress re Republic of the Marshall Islands Special Medical Care and Logistics Program Activities, FY20-21 was transmitted to Congress in December 2021.
Annual Report to Congress on Granted Bond Waivers	The report was approved by the Secretary in January 2022 and dispatched to the appropriate Congressional Committees.

## **EHSS FY22 Accomplishments**

### **G. EMPLOYEE ENGAGEMENT WORKING GROUP (EEWG)**

- Hosted farewell meeting and organized a memory book for former EHSS Director Matt Moury
- Assisted EHSS-70 with website revision
- Held Fourth Annual EEWG Open House
- Presented Engaging Topics for member discussion
- Frequent communication with employees with respect to telework and hybrid workforce
- Hosted speakers from the Office of Diversity, Equity, Inclusion and Accessibility
- Hosted an introduction to the EHSS EEWG for new-hire EHSS employees
- Provided an overview of the EHSS EEWG at the July Departmental Internal Communications Coordination call.

## EHSS FY22 Accomplishments

### Acronyms List

Annual Security Refresher Briefing	ASRB
Annual Site Environmental Reports	ASER
Argonne National Laboratory	ANL
Beryllium-Associated Worker Registry	BAWR
Brookhaven National Laboratory	BNL
Business Impact Analysis	BIA
Business Process Analysis	BPA
Classification Officials	CO
Classified Matter Protection and Control	CMPC
Code of Federal Regulations	CFR
Combined Federal Campaign	CFC
Communications Security	COMSEC
Comprehensive Epidemiologic Data Resource	CEDR
Continuity of Operations Program	CCOP
Counter Unmanned Aircraft Systems	CUSA
Defense Nuclear Facilities Safety Board	DNFSB
Department Agency Occupational Safety and Health Official	DASHO
Department of Energy	DOE
Department of Labor	DOL
Design Basis Threat	DBT
Documented Safety Analysis	DSA
DOE Consolidated Audit Program	DOECAP
DOE Laboratory Accreditation Program	DOELAP
Energy Employees Occupational Illness Compensation Program Act	EEOICPA
Enterprise Threat Mitigation	EMT
Entity Eligibility Determination Working Group	EEDWG
Environmental Management	EM
Environmental Management Systems	EMS
Environmental Protection Agency	EPA
Executive Order	E.O.
Facility Clearance	FCL
Fiscal Year	FY
Formerly Restricted Data	FRD
General Counsel	GC
Germantown	GTN
Graded Adversary Scenario Scoring Matrix	GASSM
Handbook	HBDK
Headquarters	HQ
Headquarters Facility Master Security Plan	HQFMSP
Headquarters Security Officer	HSO
High-Efficiency Particulate Air	HEPA
Human Performance Improvement	HPI
Human Reliability Program	HRP
Implementation Plan	IP
Improvised Nuclear Device	IND
Incident Management Team	IMT
Integrated Project Team	IPT
Integrated Safety Management	ISM
Intelligence Reform Terrorism Prevention Act	IRTPA
Japanese Ministry of Health, Labor and Welfare	MHLW
Los Alamos National Laboratory	LANL
Memorandum of Understanding	MOU
Mission Essential Function	MEF

## EHSS FY22 Accomplishments

National Archives	NARA
National Institute for Occupational Safety & Health	NIOSH
National Nuclear Security Administration	NA
National Training Center	NTC
Nuclear and Facilities Safety Program	NFSP
Occupant Emergency Plan	OEP
Occupational Safety and Health Administration	OSHA
Occurrence Reporting and Processing of Operations Information	ORPS
Office of Enterprise Assessments	EA
Office of Environment, Health, Safety and Security	EHSS
Office of Intelligence and Counterintelligence	IN
Office of Legacy Management	LM
Office of Management	MA
Operational Guidelines Technical Document	OGT
Other Government Agency	OGA
Performance Test Working Group	PTWG
Polyfluoroalkyl Substances	PFAS
Primary Mission Essential Function	PMEF
Program Secretarial Offices	PSO
Public Interest Declassification Board	PIDB
Quality Assurance	QA
Radiation Effects Research Foundation	RERF
Requests for Information	RFI
Restricted Data	RD
Russian Health Studies Program	RHSP
Safety Culture Improvement Plan	SCIP
Security Risk Assessment Matrix	SRAM
Security System Design References	SSDR
Simple Key Loaders	SKL
Standard Operating Procedure	SOP
Subject Matter Expert	SME
Suspect/Counterfeit	S/CI
Sustainable Climate Ready Sites	SCRS
Technical Director	TD
Technical Qualifications Program	TQP
Technical Standard	STD
Technical Surveillance Countermeasures	TSCM
Testing Designated Positions	TDP
Threat Working Group	TWG
Treatment, Storage and Disposal Facility	TSDF
Unclassified Controlled Nuclear Information	UCNI
US Transuranium and Uranium Registries	USTUR
Worker Safety and Health	WSH