



ACCOMPLISHMENTS for FISCAL YEAR 2023



EHSS FY23 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 2023 (FY23) Program Accomplishments**

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**Office of Environment, Health, Safety and Security
FY23
Program Accomplishments**

| A. RULEMAKING | |
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| Title | Accomplishments |
| 10 Code of Federal Regulations (CFR) 710, Procedures for Determining Eligibility for Access to Classified Matter and Special Nuclear Material | Amend to align regulation with Trusted Workforce (TW) 2.0 implementation. This effort will continue into FY24. |
| 10 CFR 850, Chronic Beryllium Disease Prevention Program | Developed a Supplemental Notice of Proposed Rulemaking and Economic Assessment Questionnaire. Coordinated documents through rulemaking and program counsel. |
| 10 CFR 851, Worker Safety and Health Program | Final Rulemaking pending publication in the Federal Register in December 2023. 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. |
| 10 CFR 1017, Identification and Protection of Unclassified Controlled Nuclear Information (UCNI) | Amend to address declassified Restricted Data, other government agency access to UCNI, and clarify and improve policies based on lessons learned. Finalized draft with the exception of marking and security requirements which are pending national Controlled Unclassified Information (CUI) policy changes. |
| 10 CFR 1046, Medical, Physical Readiness, Training, and Access Authorization Standards for Protective Force Personnel | Clarify language and requirements throughout the CFR. |

| B. DIRECTIVES | |
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| Title | Accomplishments |
| O 142.3B Chg 1, Unclassified Foreign Visits and Assignments Program* | Order was superseded by DOE O 142.3B Chg 1, Unclassified Foreign National Access Program in March 2022. |
| O 231.1B, Environment, Safety and Health Reporting | Ongoing work to revise. EHSS-52 will assist with Sealed Sources portion. Due to field inquiries, need for alignment with other DOE Orders, changes in Federal regulations, references, and misinterpreted requirements, a revision to update and clarify 231.1B is necessary. This activity was started in FY 2022 and paused due to Directives Review Board (DRB) re-alignment efforts. It is now being revisited and planned to start in February 2024. |
| O 232.2A, Occurrence Reporting and Processing of Operations Information | Ongoing work to revise. |

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| B. DIRECTIVES | |
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| Title | Accomplishments |
| O 414.1D, Quality Assurance | Ongoing work to revise. Draft revision to DOE O 414.1D, Quality Assurance entered RevCom on May 10, 2023. |
| O 420.1, Facility Safety | Proposed revision to O 420.1C complete. Draft Safety Basis O 421.1 (new activity) is completed. Staff are currently reviewing stakeholder comments. |
| O 422.1 Chg 4, Conduct of Operations | Office of Public Information (OPI) surveying users. |
| O 425.1D, Verification of Readiness to Start Up or Restart Nuclear Facilities | Ongoing work to revise: During September 2023, revision effort entered concurrence phase of RevCom. |
| O 426.2A, Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities | Ongoing revision: During August 2023, revision effort entered concurrence phase of RevCom. |
| O 440.1B Chg 4, Worker Protection Program for DOE Federal Employees | Revision issued May 2, 2022. |
| Guide 441.1-1C, Radiation Protection Program Guide for Use with Title 10, Code of Federal Regulations, Part 835, Occupational Radiation Protection | Ongoing work to revise. |
| O 458.1 Chg 4, Radiation Protection of the Public and the Environment | Ongoing work to revise. |
| O 470.3C Chg 1, Design Basis Threat (DBT) | Ongoing work to revise. |
| O 470.4B, Safeguards and Security Program | Ongoing work to revise. Split O 470.4B, Safeguards and Security Program into: <ul style="list-style-type: none"> • 470.4X, Safeguards and Security Program Management Operations • 470.X, Safeguards and Security Planning Order Both Orders will be submitted to RevCom in FY24. |
| O 470.5, Insider Threat Program | Commenced efforts to begin the revision process. |
| O 471.5, Special Access Programs | Ongoing work to revise. |
| O 471.6 Chg 3, Information Security | Published August 2023. |
| O 474.2 Chg 4, Nuclear Material Control and Accountability | Published February 2023. |

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| C. TECHNICAL STANDARDS (STD) | |
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| Title | Accomplishments |
| DOE-STD-1194-2019, Nuclear Material Control and Accountability | Revised; to be published in FY 2024. |
| DOE-STD-1020-2016, Natural Phenomena Hazards Analysis and Design Criteria for DOE Facilities | Under revision. |
| DOE-STD-1027-2018, Chg Notice 1 Hazard Categorization of DOE Nuclear Facilities | Under revision. |
| DOE-HDBK-1028-2009, Human Performance Improvement Handbook | Under revision. |
| DOE-STD-1066-2023, Fire Protection | Published June 2023. |
| DOE-STD-1070-YR, Criteria for Evaluation of Nuclear Facility Training Programs | Under revision: Draft entered RevCom in August 2022 for 60 days. On pause till issuance of O 426.2A, Personnel Selection, Training, Qualification and Certification Requirements for DOE Nuclear Facilities, which is currently in concurrence phase of RevCom. |
| DOE-HDBK-1092, Electrical Safety | Under revision. |
| DOE-STD-1095, Department of Energy Laboratory Accreditation Program for External Dosimetry | Under revision. |
| DOE-STD-1098, Radiological Control | Under revision. |
| DOE-HDBK-1101, Process Safety Management for Highly Hazardous Chemicals | Under revision. |
| DOE-STD-1111, Department of Energy Laboratory Accreditation Program Administration | Under revision. |
| DOE-STD-1121, Internal Dosimetry | Reaffirmed November 2022. |
| DOE-HDBK-1122 Chg 2, Radiological Control Technician (RCT) Training | Published November 2022. |
| DOE-HDBK-1131, General Employee Radiological Training | Cancellation proposed in RevCom October 2022. |
| DOE-STD-1136, Good Practices for Occupational Radiological Protection in Uranium Facilities | Under revision. |
| DOE-STD-1149, S&H Program for DOE Construction Projects | Under revision. |
| DOE- STD-1066-2023, Fire Protection | Published June 2023. |

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| C. TECHNICAL STANDARDS (STD) | |
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| Title | Accomplishments |
| DOE-STD-1167, DOE Respiratory Acceptance Program for Supplied-Air Suits | Under revision. |
| DOE-HDBK-1169-2023, Air Cleaning Systems in DOE Nuclear Facilities | Published March 2023. |
| DOE-STD-1186-2016, Specific Administrative Controls | Under revision. |
| DOE-STD-1192-2021, Security Risk Management Technical Standard | Under revision. |
| DOE-STD-1195-2011, Design of Safety Significant Safety Instrumented Systems used at DOE Nonreactor Nuclear Facilities | Under revision. |
| DOE-STD-1196-2022, Derived Concentration Technical Standard | Published December 2022. |
| DOE-STD-1197-2011, Occurrence Reporting Causal Analysis | Under revision. |
| DOE-HDBK-1220-2017, Natural Phenomena Hazards Analysis and Design Criteria for DOE Facilities (Supplemental Guidance) | Under revision. |
| DOE-HDBK-1221-2016, Suspect/Counterfeit Items Resource Handbook | Under revision. |
| DOE-HDBK-1224-2018, Accident Analysis Handbook | Under revision. |
| DOE-STD-1234, Nuclear Material Packaging | Under revision. |
| DOE-STD-1239-20XX, Chemical Safety Management Program | New Technical Standard. Draft complete, addressing stakeholder comments. |
| DOE-STD-1241-2023, Implementing Release and Clearance of Property Requirements | Published March 2023. |
| DOE-STD-1242-2023, Canine Explosive Detection Team Certification Protocol (CUI) | Published July 2023. |
| DOE-STD-1245-YR Firearms Qualifications for Department of Energy (DOE) Protective Force | Incorporate the current DOE Manual into a Technical Standard |

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| C. TECHNICAL STANDARDS (STD) | |
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| Title | Accomplishments |
| DOE-STD-1628-2013, Development of Probabilistic Risk Assessments for Nuclear Safety Applications | Under revision. |
| DOE-STD-3006, Planning and Conducting Readiness Reviews | Revise. Revision to initiate upon issuance of O 425.1D, Verification of Readiness to Start Up or Restart Nuclear Facilities, which is currently in concurrence phase of RevCom. |
| DOE-HDBK-3010-1994 (R 2013), Airborne Release Fractions/Rates and Respirable Fractions For Nonreactor Nuclear Facilities | Under revision. |
| DOE-STD-3020-2015, Specification for HEPA Filters Used by DOE Contractors. | Under revision. |
| DOE-STD-1195-2021XXXX-YR, Security Risk Management | The annual review of the Security Risk Management Technical Standard (SRMTS) was completed and found to be in full compliance with the Design Basis Threat. |
| DOE-EH-0545, Seismic Evaluation Procedure for Equipment in U. S. DOE Facilities | Under revision. |
| DOE-STD-XXXX-YR Physiological Monitoring for Heat Strain | Develop new technical standard. |

D. OFFICE SPECIFIC Accomplishments

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 | |
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| Title | Accomplishments |
| Implementation of DOE O 140.1A, Interface with the Defense Nuclear Facilities Safety Board and Joint DOE-DNFSB Interface Memorandum of Understanding | Documented regular communication in weekly tag up discussions with DOE/NNSA Headquarters liaisons, monthly discussions with DOE/NNSA HQ and Field Liaisons, as well as distributes weekly reports of near-term DNFSB-DOE/NNSA interface activities and biweekly reports to DOE/NNSA HQ and Field senior leadership/management that summarize and highlight current DOE-DNFSB interactions and deliverables. EHSS-1.1 provided weekly updates to EHSS, EM, NNSA and S-1/S-2 Chief of Staff on pending deliverables to the Board as a way for senior leadership to track and ensure that DOE responds to the Board in a timely |

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| | manner. In addition, EHSS-1.1 coordinated the Department's development and submittal of its FY 2022 Annual Report to Congress – DOE Activities Related to the DNFSB (issued in March 2023) and, as necessary, DOE's Biannual Reports to Congress pertaining to DOE/NNSA denials of information requested by the DNFSB. |
| Coordinate DOE Responses to DNFSB Recommendations and Reporting Requirements | Prepared responses and coordinated input to DNFSB Reporting Requirements, Commitment Statements, Briefing/Meeting Dates, Public Hearings, and Reports. |
| DNFSB Requests for Information (RFIs) Coordination | Coordinated receipt and disposition of all DNFSB RFIs in a timely manner – typically over 2,000 documents per year. EHSS-1.1 maintains the RFI Dashboard to support documenting, tracking and disposition of RFIs, as well as to effectively coordinate the vast quantity of RFIs received from the DNFSB and documents provided to the DNFSB by DOE/NNSA. |
| Coordinate the Annual Report to Congress Department Related to the DNFSB Activities | Coordinated the Department's development and submittal of its FY 2022 Annual Report to Congress – DOE Activities Related to the DNFSB (issued in March 2023) and, as necessary, DOE's Biannual Reports to Congress pertaining to DOE/NNSA denials of information requested by the DNFSB. |

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 | |
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| Title | Accomplishments |
| Insider Threat Program | <ul style="list-style-type: none"> Conducted 2 Field Engagements-ORNL and Naval Reactors. Conducted the Annual Insider Threat Program Workshop in November 2022 Produced CY 2022 Insider Threat Program Annual Report for S-1 in May 2023. Produced Near Term Strategy. Commenced work on revising DOE O. 470.5, Insider Threat Program. Conducted National Insider Threat Awareness Month, September 2023. Worked on the planning of CY 2024 Annual Insider Threat Program Workshop. Produced a memo from DSO to NITTF to achieve Initial Operating Capability. Supported GAO inspection of NNSAs Insider Threat Program to include updating steps taken to close out each recommendation. |
| Technical Security | <ul style="list-style-type: none"> Accomplished all required/scheduled and requested technical security services to HQ Facilities, including |

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| | <p>surveys, inspections, advice and assistance and Controlled article reviews. Provided various level of support to SNL, LANL, SRS, SPRO, ANL, ORNL and BNL.</p> <ul style="list-style-type: none"> • Developed Cyber TSCM capabilities for deployment on networks. Developed and funded new TEMEPST test and evaluation Capabilities to be used as the standard for the federal government. • Updated COMSEC online training course. Established request and approval process for all TSP training (DOE and OGA) through Learning Nucleus. Established training/certification tracking mechanism utilizing eTQP. • Waiting final operational approval from NSA for COMSEC key distribution system (COOP/COG) at SNL. Finalizing MOU/MOA with ORNL to provide HQ TSP capabilities at ORNL. Equipment has been moved to ORNL, waiting ORNL final staffing and HQ TSP employee move. • Submitted status/implementation plan to DNI for as required for new ICD 702. Appointed EHSS Deputy Director for Security as DOE Executive Steering Committee Member for the IC. Attending DNI working group meeting for impact for changes necessary to DOE policies. • Promoted OTS staff member to Deputy Director and TSCM Program Manager. Selected TSP Lead for EHSS ORNL TSP Office. |
| Human Reliability Program (HRP) | <ul style="list-style-type: none"> • Hosted 2023 HRP Workshop in August at the Nevada Site Facility • Completed action items from the 2022 HRP workshop and shared with the HRP community. • Worked with EHSS-10 to analyze data from the annual medical activity report. • Reviewed and confirmed NTC HRP training modules were current and informative. • Contract support is working at subject-matter expert status to support the program. • Implemented the test pilot of the Networked Employee Assurance Tool Pilot. • Received and tracking regulatory edits for consideration. |
| DOE Outstanding Security Awards Program | <ul style="list-style-type: none"> • 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

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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 | |
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| Title | Accomplishments |
| Worker Safety and Health Policy and Implementation Support | <ul style="list-style-type: none">• Published Supplemental Notice of Proposed Rulemaking in Federal Register for 10 CFR Part 850.• Published Final Rule updating EHSS organization changes in 10 CFR Parts 602, 710, 712, 725, 835, 850, 851, 1016, 1017, 1045, and 1045.• Created DOE ISM Guiding Principles and Core Functions graphic, focused on the objective of ISM to integrate safety into management and work practices at all levels, addressing all types of work and all types of hazards to ensure safety for workers, the public, and the environment.• Completed report on Benchmarking DOE ISM to External Safety Managements Systems of the Systematic Review of ISM at DOE Sites.• Completed 18-month Policy Clarification Review Project; analyzed, validated, and updated format for 157 existing PCs; ensured on-time completion despite competing priorities for reviewers, navigating increasingly disparate PCs in strategy, content and format and missing support documents.• Completed the 2022 BLS data collection of OSHA required injury and illness data for DOE. Coordinated with over 50 FEOSH points-of-contact and Program Office administrators to collect the injury and illness data for over 14,000 Federal employees. Submitted the injury and illness data into the BLS portal accurately; prior to April 24, 2023 deadline and completed the DOE CY 2022 Federal Agency Annual Report prior to the May 1, 2023 deadline.<ul style="list-style-type: none">○ Maintained oversight over DOELAP program, including approval of 23 accreditations and review of 3 vendors.○ Developed the 2023 Federal Occupational Safety and Health Refresher Training. The training focused on 3 units of OSH subject areas: Knowing your site Health and Safety Plan; Recordkeeping and Reporting; and Understanding Workplace Stress.• Served as Federal points of contact for EFCOG Worker Safety and Health, Integrated Safety Management, and Contractor Assurance System Subgroups. Also served as Federal points of contact for radiation protection, occupational medicine, laser safety, and industrial hygiene/chemical safety Communities of Practice. |

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| Title | Accomplishments |
| Worker Safety and Health Assistance | <ul style="list-style-type: none"> • Executed DOE-VPP assessments at Los Alamos National Laboratory (Triad National Security), Oak Ridge Institute for Science and Education (Oak Ridge Associated Universities), West Valley Demonstration Project (CH2M Hill BXWT West Valley), and Y-12 National Security Site (Consolidated Nuclear Services) using a hybrid virtual and onsite assessment and began a virtual assessment at Pacific Northwest National Laboratory (Battelle Memorial Institute). • Facilitated a DOE-specific conference for over 200 site contractor personnel at the annual Voluntary Protection Program Participants' Association Safety+ Symposium while offering six presentations on program-related safety and health topics. • Met monthly with site EAP committee members to develop and deliver the annual EAP contractor training to 72 participants. Topics included EAP Laws and Ethics: What Every Manager Should Know, Mental Health and Substance Use Disorder, Fostering Multiculturalism in the Workplace, and Neuroscience for EAPs. • Referred 155 HQ federal and contractor employees to appropriate internal and site employee assistance programs in addition to providing guidance, oversight, and consultation in response to 118 management inquiries regarding the EAP. • Monitored the status of multiple infectious diseases to include Coronavirus Disease, Marburg Virus Disease, and Avian Influenza to maintain awareness of potential impacts to the DOE workforce. • Continued to provide support to the COVID-19 Response Team by tracking infections and current guidance through a Powerpedia portal. |
| Domestic and International Health Studies | <ul style="list-style-type: none"> • Developed draft research strategy that identifies current projects and future needs to foster excellence in the EHSS and DOE mission, ensure appropriate internal and external coordination, and improve EHSS capabilities. The fundamental vision is to support identification and prioritization of relevant research to produce data to support DOE operations. • Strengthened the office's ability to foster excellence and provide effective subject matter expertise and technical assistance by successfully recruiting top tier talent. Three new members of the EHSS-13 team include a Health Physicist, Epidemiologist, and Office Director. • A new American Associate Director/Vice Chairman to RERF was hired by the NAS through a cooperative agreement with DOE. EHSS met with the new Executive |

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| Title | Accomplishments |
| | <p>Director to discuss their vision and implementation of the RERF Strategic Plan.</p> <ul style="list-style-type: none"> • Provided subject matter expertise, technical assistance, and stakeholder coordination support for the Runit Climate Change Study conducted by PNNL directed by the National Defense Authorization Act. In addition to weekly meeting with the PNNL research team, Congressional staff were briefed, and translation services were contracted to translate the draft report into Marshallese to ensure improved stakeholder engagement. A thorough review of the draft report was provided to enhance language and better communicate the risk with associated doses prior to release for public comment. • Provided subject matter expertise as well as input coordination across multiple offices for the GAO Review of U.S. Overseas Waste which includes discussion of two EHSS-13 equities: the Republic of the Marshall Islands and Palomares, Spain. • Provided subject matter expertise to ATSDR for development of the interagency agreement for the Portsmouth Public Health Assessment and Community Engagement project. • Provided technical expertise and institutional knowledge to GAO for the Low-Dose Radiation Research (GAO-106317) study to ensure accuracy and appropriate representation. Follow-up responses to additional GAO questions were also coordinated and provided. • Actively participated in 10 national and international conferences/meetings with contributions ranging from presentation of collaborative research results to organizing special sessions of relevance, to full meeting coordination and execution. The goals were to disseminate results to the broader scientific community, review study progress, engage with key stakeholders, provide, and receive feedback, and improve knowledge and understanding of critical emerging topics relevant to the DOE mission. In particular, the team coordinated and executed a successful visit to Hiroshima and Nagasaki where multiple stakeholders including DOE, US Embassy, Radiation Effects Research Foundation (RERF), the Japanese Ministry of Health, Labour and Welfare (MHLW), Board of Councilors (BOC) had the opportunity to discuss current and future work as well as emerging challenges. • Four high-priority research projects were identified, reviewed, and approved to support improved radiation dose estimates and risk assessment. These studies aim to contribute to better understanding of human health outcomes of ionizing radiation exposure relevant to DOE |

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| | <p>operations. Successful internal program coordination identified viable funding sources for three of projects in FY 2023. As part of a new contract with Hirosoft International, formal training in use of the Epicure software was negotiated to improve the office's ability to provide technical assistance and subject matter expertise and serve as a resource on radiation health effects and analysis.</p> <ul style="list-style-type: none"> • To ensure appropriate archival of 30 years of productive research from The Russian Health Studies Program, hard copy files of documentation were converted to electronic format in accordance with file management policies. Additionally, the program is investigating the use of the Comprehensive Epidemiologic Data Resource (CEDR) platform to host the RHSP Document Library and provide Data Management using customized tiered-access levels. • Reviewed and executed the 5-year renewal of 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 includes 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. • Coordination of Runit Dome Drilling Project including regular meetings with US Army Corps of Engineers to ensure strategic alignment, working with GC and contracting officials to institute work agreements, and identification and procurement of funding from DOI. An analysis of the radiation survey conducted on Runit Island was performed and shared to support effective radiation protection. • 1,304 new citations and 73 new historical documents provided by DOE were added to CEDR and made immediately accessible. Total number of research studies in CEDR is 82. Total number of people in studies accessible through CEDR is 1,965,735. Total number of citations accessible through CEDR is 4,448. Total number of sites accessible through CEDR is 35. Total number of accounts currently in CEDR is 119. In addition, a new video highlighting recent updates and platform benefits was developed and published by ORAU. Successful community engagement was demonstrated by a high school teacher uses DOE's CEDR to enhance students' learning experience by using CEDR data to complete semester-long research projects. |

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| | <ul style="list-style-type: none"> • A 3-part series of presentations entitled “Beryllium-Associated Workers Registry (BAWR) – A Deeper Dive” was developed and presented to the Beryllium Health and Safety Committee, Medical and Epidemiology Committee on request. The presentation series focused on Data Structures, Submissions, Reporting and BAWR Calculations and Analytics. The BAWR team also conducted a demonstration of the BAWR Dashboard for members of the BHSC. • Active participation in the COVID-19 Response Team including preparing weekly trend reports for three CDC-defined metrics, tracking weekly National COVID-19 Levels for 3,220 counties, providing proportion estimates for predominant circulating sub-variants, monitoring newly emerging subvariants, providing updates on emergency use authorization status for newly developed vaccines and boosters and vaccination timelines, tracking updates on changes in CDC COVID-19 recommendations, and guidelines for workforce re-entry. Other ongoing activities include performing quality control analyses on Enterprise Data Analytics Repository System (eDARS) data for active and closed COVID-19 cases identifying data validation issues, producing quality control reports for data correction, discussing status of active and closed DOE COVID-19 case actions in eDARS, updates to the COVID-19 Workplace Safety Framework, DOE HQ Safety Plan, and the Safer Federal Workforce guidance. An Executive Order has been issued to disband the COVID-19 Response Team and the details are pending finalization. • In support of a pilot study examining the incidence of Post Sequelae SARS CoV-2 (PASC) among the DOE workforce, an analytical overview and methodology, including search algorithms, is under development to identify cases that meet the case definition in the eDARS. • Provided leadership in collaboratively developing a proposal with internal technical representatives and project managers to enhance the eDARS COVID-19 reporting system to function as a broader infectious disease monitoring system as part of the DOE Biosurveillance System (DBS) that incorporates interactive technology to review, evaluate and assess bio events, and incorporation of a predictive modeling capability to obtain near real-time data and information to promote informed and timely decision-making. The NBIC Biofeeds team was also consulted on the current development of the Biosurveillance Ecosystem (BSVE) |

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| | <p>and the potential for collaboration and potential tenancy for the BEMT.</p> <ul style="list-style-type: none"> At least 9 publications were released by internal and external partners including RERF, MPS, USTUR, and LLNL. Additionally, A draft of the EHSS-13-sponsored a National Council on Radiation Protection and Measurements (NCRP) Commentary titled "Recommendations on Statistical Approaches to Account for Dose Uncertainties in Radiation Epidemiologic Risk Models" was reviewed by office staff and is currently in review for release. The Republic of the Marshall Islands Special Medical Care and Logistics Program Activities, FY 2022 Annual Report to Congress was drafted and approved for release. Coordinated 4 and executed 3 successful mission trips to the Republic of the Marshall Islands. One of these trips was to provide support for COFA negotiations and establish and foster relationships with RMI stakeholders. Another was to support a scientific mission to support groundwater sampling analysis and visual survey for Runit Dome risk assessment required by Insular Areas Act of 2011, as well as geophysical studies and site assessments for installation of additional groundwater monitoring wells by the US Army Corps of Engineers. The team also provided creative and effective outreach to local support staff with a tech demo of the devices used for radiation detection as well as a practical demonstration of the limited risk associated with consuming local seafoods. Two of these trips support the DOE Special Medical Care Program, the first to be conducted in country since the COVID-19 pandemic. In the first trip, 4 islands were visited and 28 of the 32 patients residing in the Marshall Islands were scheduled and evaluated with 8 of these patients provided examinations in their homes. At the request of RMI physicians, Dr. Vaswani also provided consultation on 8 non-DOE patients and worked jointly with RMI medical staff whenever possible during all examinations and provided two very well received continuing medical education trainings on diabetes management for RMI doctors and nursing students. 24 doctors attended the training session at the Majuro Hospital and 14 nursing students were trained at the College of the Marshall Islands. The second medical mission trip was executed in FY 2024. Participated in a State Department-hosted meeting on the Palomares, Spain project following the passage of Spanish defense budget. The team discussed the potential scope of the project and the roles of DOE EM and EHSS in the |

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| | <p>project. The expectation is that EM will lead the project while EHSS will provide technical expertise and assistance.</p> <ul style="list-style-type: none"> Participated in the Public Meeting for "Review of the Continued Analysis of Supplemental Treatment of Low-Activity Waste at the Hanford Nuclear Reservation". This meeting provided an opportunity for members of the community, representatives from the states of Washington and Oregon, regional tribal nations, and other local stakeholders to share their perspectives and insights on the report. |
| Worker Screening and Compensation | <ul style="list-style-type: none"> In FY 2023 DOE collectively responded to over 18,000 records requests from DOL and NIOSH on behalf of EEOICPA claimants. DOE responded to 90% of these requests in under 60 days, exceeding the FY 2023 goal. <ul style="list-style-type: none"> Analysis of FWP survey forms indicates 98.76% of customers rated service satisfactory or better. FWP implemented changes to their roster request from 3 years to every year for former DOE employees which the FWP will utilize for increasing outreach of workers. Initiated a roster request for all major DOE and NNSA sites. In partnership with DOL, NIOSH and the Former Worker Program cooperative agreement holders, held 7 public outreach meetings aimed at former DOE workers who may be interested in either the EEOICPA or FWP. Drafted new EEOICPA MOU with DOL. Coordinated with EHSS-60, EHSS-80, DOE GC, and the Department of Labor to conduct multiple rounds of reviews on the draft document. Document to be signed in FY 2024. FWP DOE webpage was updated for participants, stakeholders, and partners. The website also contains the FWP webinar series started in FY 2023. The webinars discuss various screening topics and provide updated stats on screenings. |

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.

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| Office of Environmental Protection and ES&H Reporting | |
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| Title | Accomplishments |
| DOE Consolidated Audit Program (DOECAP) for analytical laboratories | <ul style="list-style-type: none"> Held a DOE/DoD training workshop in September 2023 with over 260 participants including laboratory managers, site project managers, assessors, and Departmental staff from both Agencies. Added 3 new DoD laboratories to DOECAP accredited laboratory listings in support of the PFAS analysis needs of the Department. Continued to work with laboratories to educate current QSM accredited laboratories under DoD on adding the DOE requirements for their scope and accreditation expansion. The final draft of the QSM Version 6.0 is in review with an expected release date of January 2024. |
| DOECAP for Treatment, Storage and Disposal Facilities (TSDFs) | <ul style="list-style-type: none"> Ten TSDF annual audits were performed which yielded 61 findings and 49 observations. The findings at three audited facilities resulted in the need for Surveillance Audits in 4th quarter CY 2023. Recruited nine new auditors from across the Department and ensured all were trained to current program changes and needs. Developed and delivered TSDF auditor training. This training resulted in 27 approved auditors and identified three auditors-in-training. |
| Sustainable Climate-Ready Sites (SCRS) Program | <ul style="list-style-type: none"> 12 sites joined the SCRS for its first year. Successful roundtable event held as planned, as well as monthly “lunch and learn” events starting in December 2022. Developed a new category to be included in FY 2023 for data center sustainability, as well as the addition of a new “Pioneering” performance tier and updated scoring methodology. |
| Compliance and Sustainability Support | <ul style="list-style-type: none"> Sustainable Acquisition training held as planned November 2022, as well as an additional training focused on Data Tracking held in July 2023 with 120+ participants. Held EHSS-21 Training session at DOE Forrestal Cafeteria which was widely attended both in-person and virtually with over 300 total participants. Worked with EFCOG SEWG executive committee to expand membership to bring in EMS/compliance expertise. Worked on development of annual workplan. |
| Per- and Polyfluoroalkyl Substances (PFAS) | <ul style="list-style-type: none"> Published DOE’s PFAS Initial Assessment Report (November 2022), Operating Experience Summary “Addressing New Health Advisories for PFAS in Drinking Water” (November 2022), Historical/Current Use Records Search Guidance (January 2023), and Environmental Sampling Guidance (August 2023). |

EHSS FY23 Accomplishments

| Office of Environmental Protection and ES&H Reporting | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> • Drafted PFAS Storage and Disposal Guidance (expected to be published in CY 2024). • Communicated Interagency decisions and actions related to PFAS policy with the PFAS Coordinating Committee and PFAS Work Group. • Collaborated with Interagency working groups. Led Interagency meetings concerning ongoing topics and new areas of concern (e.g., EPA proposed regulations, HFCs, supply chain and manufacturing). Provided assistance to Program Offices, Sites, and Laboratories with regard to PFAS policies and analytical methods. • Hosted EHSS-21 Training (May 2023) which included PFAS trainings, briefings, and discussions from HQ and the field. • Planning PFAS R&D Workshop (Summer 2024) with the Office of Science. • Represented the DOE (EHSS) on the Fluoropolymer Project Lifecycle Report to Congress. • Hosted joint DoD/DOE Environmental Monitoring and Data Quality Workshop (September 2023). • Published PFAS Fact Sheets (February 2023) and PFAS slide deck (continually updated). Provided Interagency and internal briefs on DOECAP, PFAS testing, PFAS Roadmap Actions, and PFAS Task Teams. • Developed the DOE PFAS Annual Site Update Survey, launched in October 2023. |
| Radiation Protection of the Public and Environment Emergency Response Preparedness | <ul style="list-style-type: none"> • Published new Technical Standard 1241-2023, Implementing Release and Clearance of Property Requirements. • Initiated the review process to identify updates for DOE O 458.1 including the compilation of internal comments. • Participated in two planning meetings for the Cobalt Magnet Emergency Response Event. |
| Revise Preliminary Report, Operational Guidelines Developed for Use in Emergency Preparedness and Response to a Radiological Dispersal Device Incident (OGT) | <ul style="list-style-type: none"> • Conducted multiple working group meetings with ANL and discussed progress on the OGT revision. Expect revised OGT incorporating IND in FY 2024. • Began discussions with ANL to update the RESRAD family of codes. |
| ES&H Reporting Systems | <ul style="list-style-type: none"> • Collaborated with PM-30 to leverage existing DOE OPEXShare application capabilities to support capturing Capital Asset Project/DOE O 413.3B related lessons learned. Completed Origination Date enhancement feature. Continue to address other known issues and request system enhancements. |

EHSS FY23 Accomplishments

| Office of Environmental Protection and ES&H Reporting | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> • Finalized requirements set for Fire Protection Reporting System update. Given to three prospective vendors for cost and time estimates. • Finalized proposal for S/CI centralized reporting database. The proposal was given to EHSS-72 for cost and time estimates. • Held a S/CI Requirements Workshop for Federal staff in March 2023. • Created guidance to clarify current reporting processes for S/CI Coordinators. Posted on PowerPedia for the SCIWG members. • Worked with NTC to develop and post initial S/CI awareness training on Learning Nucleus. Work is ongoing for other types of classes. |
| Operating Experience Program/Accident Prevention and Investigation Program/Advanced Data Analytics | <ul style="list-style-type: none"> • Developed a set of departmental foundation metrics, or Strategic Safety Goals (SSGs), for consideration as high-level ES&H metrics which are being posted on the Corporate Safety Performance dashboard. • Provided reports and analyses to EHSS, NNSA, EM, and EA using ORPS/CSP/NSI data. • Made improvements to the DAMaL tools processes to improve access to the EHSS ES&H databases. • Expanded DAMaL tools' capabilities including deployment of enhanced clustering capabilities in the dashboards that use unstructured data (e.g., text), improvements to search algorithms, improvements to data visualization dashboards (e.g., adding more data plots, statistics), and improvements to data download as requested by users. • Developed customized dashboards for Office of Environmental Management (EM) at their request. • Completed numerous tasks to support knowledge of the users including over 30 training sessions and webinars for sites, PSOs, and user communities, supporting real-time analysis requests, making major revisions to the User's Guide including publications related to use cases in OPEXShare, and providing advice and support to DOE sites' data science tools. • Developed and presented a series of data science trainings for users and interested persons. The trainings consisted of 9 webinars on data science concepts used in the DAMaL tools, and 2 webinars where use of the DAMaL tools were discussed in detail. • Supported various analysis requests including but not limited to accelerator safety, hazardous energy safety, |

EHSS FY23 Accomplishments

| Office of Environmental Protection and ES&H Reporting | |
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| Title | Accomplishments |
| | <p>human reliability program, tree fall hazard data, CPCC data, vulnerability assessments, environmental justice, NEPA and environmental impact statement among others. Also initiated development of the capability for automated data downloads which will allow sites to automate, within their system, finding ES&H lessons learned and relevant information.</p> <ul style="list-style-type: none"> • Delivered 8 well-received EIP-400 course training sessions to DOE/NNSA sites who requested the training. • Issued 15 OpEx products including OE-3s, OESs, and OPEX Awareness documents. • OpEx Program Manager engaged CoPs and PSOs by presenting OpEx program and organizational learning awareness briefings across the complex (e.g., SCIP, APIP, SCIWG, NFSP Workshop, NNSA OpEx coordinator meeting, EA-30 roundtable, etc.). |
| Organizational Culture, Performance, and Reliability | <ul style="list-style-type: none"> • Completed support to Los Alamos National Laboratory, which ALDWP credited with helping it exceed forecasted production goals. • Delivered final Office of Economic Development support products in the first quarter of FY 2023 to close out commitments. The new Office of Energy Justice is established and office-wide offsite completed (additional support expected on an ongoing basis). • First draft of Human Performance Improvement (HPI) Handbooks completed. Plan to enter into RevCom review in April of 2024. • Completed development and deployment of the "HPI for practitioners" training module and aligned with EIP-400 Accident Investigation training. |

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 | |
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| Title | Accomplishments |
| Recommendation 2020-1 | <ul style="list-style-type: none"> • 5.2.1- Deliverable transmitted to DNFSB on March 8, 2023. • 5.2.2- Deliverable issued on June 8, 2023, and transmitted to DNFSB on June 15, 2023 • 5.3.1- Implementation Plan (IP) Responsible Manager transmitted Milestone 5.3.1 to DNFSB via email on |

EHSS FY23 Accomplishments

| Office of Nuclear Safety | |
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| Title | Accomplishments |
| | <p>December 22, 2022. Official transmittal delivered December 22, 2022. Updated deliverable transmitted to DNFSB on July 11, 2023.</p> <ul style="list-style-type: none"> 5.5.1- Deliverable transmitted to DNFSB on June 15, 2023 |
| Directive and Technical Standard Actions | Draft revision to DOE O 414.1D, Quality Assurance entered RevCom on May 10 2023. DOE-STD-1066 also issued in June 2023. Other revisions are ongoing and on track per our planned commitments. |
| 2023 Nuclear Facility Safety Programs Workshop | The 2023 Nuclear and Facility Safety Programs Workshop was held in September in New Orleans. Based on all feedback, it was a great success. Planning is ongoing to move the workshop to earlier in the year to avoid FY funding/travel concerns. |
| Corporate Nuclear Research and Development | <ul style="list-style-type: none"> Completed FY23/24 Call for Proposal (CFP) process to include review and disposition of 25 proposals and award of five new projects (ORNL (2), SRNL, LLNL, and LBNL). An NSR&D retrospective analysis report was developed late 2022 highlighting key program and project accomplishments. |
| High-Efficiency Particulate Air (HEPA) Filters | <ul style="list-style-type: none"> In April 2023 EHSS-32 initiated a Task Group with Program Office representatives to evaluate the continued need for 100% testing of HEPA filters used in certain DOE safety applications. Developed a Project Justification Statement to revise DOE-STD-3020-2015, Specification for HEPA Filters Used by DOE Contractors. |
| Natural Phenomena Hazard Program | Presentations completed during the Nuclear Fuel Cycle Safety Working Group 2022 Annual Meeting. No additional actions requested. |
| Training | Development underway for an innovative microlearning project to support headquarters and field staff. |
| Safety Software Central Registry | During August 2023, EHSS-32 evaluated the Safety Software Central Registry in the user community by conducting site visits that represented program secretarial offices. The briefing requirement to the DNFSB is to be completed by October 2023. EHSS-32 is putting together a project plan addressing short, medium, and long term actions. |
| Documented Safety Analysis (DSA) and Integrated Safety Management (ISM) | Draft completed in July 2023. |
| Information Handling Services (IHS) | New contract vehicle issued for the same subscription service with IHS Markit Engineering Workbench subscription: Library of Congress Library of Congress Contract Number LCFDL19D0044. |
| Technical Standards Program | The Independent Assessment of program activities was conducted between October 1 2022 - January 31, 2023. Short-term actions |

EHSS FY23 Accomplishments

| Office of Nuclear Safety | |
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| Title | Accomplishments |
| | were implemented during 2023. Long-term actions will be implemented when the new support vendor is in place. |
| Quality Management System | New for 2023. |
| EHSS-30 Policy Clarifications System | New for 2023. |

The **Office of Headquarters Security Operations (EHSS-40)** strengthens national security by implementing a comprehensive protection program to protect the U.S. Department of Energy (DOE) National Capital Area Headquarters facilities, personnel, property, sensitive information, and classified materials from dissident, terrorist, foreign intelligence, criminal, and insider threats and provides supporting efforts to ensure the continuity of government, in all circumstances, as mandated by Presidential Policy Directives.

| Office of Headquarters Security Operations | |
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| Title | Accomplishments |
| EHSS Continuity of Operations (COOP) Plan | Revised the EHSS COOP Plan, including support to MEFs 1, 2, 6, and 7 and ESAs 2 and 4. |
| Emergency Preparedness | Developed and implemented an EHSS Training and Exercise Plan and an EHSS Emergency Response Preparedness Plan, aligning OEP expectations with Protective Force procedures and establishing a 3-year exercise schedule. |
| Business Process Analysis / Business Impact Analysis (BPA/BIA) | <ul style="list-style-type: none"> Conducted an internal BPA/BIA, documenting performance of EHSS's essential functions supporting PMEFs, MEFs, and ESAs. Ensured EHSS equities were accurately represented in the DOE/NNSA ESA Package, in preparation for the FY 2024 PMEF/MEF Revalidation Package. |
| Security Equipment | <ul style="list-style-type: none"> Completed additional FIPS 201.2 Compliance upgrades. <ul style="list-style-type: none"> Installed Innometriks® High Assurance Software Suite, Large, to support DOE's current C•CURE infrastructure. Conducted technical testing of card access readers ensuring compliance with badge format. Replaced 30 exterior cameras at the Germantown facility substantially expanding campus camera coverage. Replaced 60 High-Definition cameras at the Germantown facility and the Forrestal south building, increasing surveillance capabilities within both DOE HQ facilities. Completed the installation of command consoles at Germantown and Forrestal as part of the land mobile radio infrastructure upgrade project. |
| Protective Force Contract | <ul style="list-style-type: none"> Executed contract oversight in accordance with DOE O 226.1B. Developed tracking spreadsheet identifying open post hours by CLIN resulting in the recovery of over \$4M for contract services which were not provided. |

EHSS FY23 Accomplishments

| Office of Headquarters Security Operations | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> Conducted detailed oversight program to collect observations of Contractor Pro Force (CPF) training, post staffing, post operations, and officer conduct and provided observations to contractor management during weekly security team meeting meetings and monthly reports, increasing contractor compliance the Statement of Work (SOW). Developed the first comprehensive CPF Support contract Award Fee plan used for DOE HQ CPF operations. |
| DOE Headquarters Visitor Badging | <ul style="list-style-type: none"> Identified and developed a Visitor Management System (VMS) to provide upgrades and to improve process efficiencies for requesting, scheduling, and memorializing unclassified visits to the DOE HQ. Conducted HQ wide VMS system refresher training for HQ programs, training attracted over 250 participants. |
| Security Area Program | <ul style="list-style-type: none"> Executed the required Vault Type Room physical system performance testing for FY 2023. Completed DOE HQ Random Security Area Inspection Process for FY 2023. Closed 10 CPF posts at the Forrestal and Germantown ensuring Site Security Plan staffing levels were maintained amidst CPF staffing shortfalls. Closure resulted in an annual savings of \$2M. |
| Training | <ul style="list-style-type: none"> HQ Protective Force (ProForce) completed all training requirements in accordance with the ODFSA-approved Annual Training Plan for FY23. HQ ProForce procedures, equipment, personnel, and physical security systems were tested throughout FY 2023 using a series of no-notice and limited-notice exercises, and internal and external assessments and surveys. Security response plans were trained and rehearsed during the annual active shooter exercises conducted within the Forrestal and Germantown facilities. Eight "Sand Table" exercises were used to provide leadership training for ProForce supervisors and Central Alarm Station (CAS) operators using the active shooter response scenario. Developed funding and requirements document to support transition from current PFT-215 to TRF-100 certification standards. Coordinated approval Coordinated approval of the Academi Training area in Moyock, NC, which will support a rise in BSPOT training courses / SPO initial certifications conducted and increase annual accession of new officers. |
| FOCI/FCL Program | <ul style="list-style-type: none"> Led policy revision for the Foreign Ownership, Control, or Influence (FOCI). |

EHSS FY23 Accomplishments

| Office of Headquarters Security Operations | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> • Coordinated weekly engagements to ensure DOE security policy aligned with current National Drivers. • Collaborated with partner FOCI and Facility Clearance (FCL) offices throughout DOE and NNSA to ensure compliance. • Processed 89 Contract Security Classification Specifications (CSCSs) to ensure accurate data entry and acquisition security requirements for contracts supporting DOE Headquarters Program Offices. • Established EHSS-40 and Management Acquisitions monthly meetings to ensure oversight of pending acquisition actions and expiring contracts. <ul style="list-style-type: none"> ○ 12 monthly engagements with Management Acquisitions. ○ Meetings provided flat communications and awareness for all actions across the EHSS; Personnel Security, badging HSO, and FOCI/FCL. • Drafted the SSA revalidation concurrence for EHSS-1 with plan of action and milestones. • Coordinated with HQ Program Office Operational Directors to revalidate long expired SSAs which pose counterintelligence risks and vulnerabilities. • Led the EFWG for the DOE/NNSA FOCI/FCL Enterprise and Community. • Coordinated inter-agency participation with the Defense Counterintelligence and Security Agency (DCSA) as well as pertinent security information relevant to DOE Security Policy and implementation requirements. • Conducted comprehensive security training for 50 COs and CORs to ensure compliance and accuracy with submitting CSCS. • Collaborated with DCSA for FCL requirements to support DOE HQ contract requirement. • Conducted 36 FOCI reviews for registered Facility Clearances supporting DOE HQ requirements. • Identified significant changes and discrepancies which were previously unreported by to entity to the Cognizant Security Agency (CSA). <ul style="list-style-type: none"> ○ Granted 8 new Facility Clearances with comprehensive analysis through eFOCI and open-source tools. ○ Processed 26 reciprocity requests with DCSA. ○ Terminated 8 Facility Clearances. ○ Suspended 4 Facility Clearances for various reasons (Uncleared Key Management personnel (KMP), unreported significant changes, Joint Venture partnership with uncleared entities). |

EHSS FY23 Accomplishments

| Office of Headquarters Security Operations | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> ○ Revalidated 86 Facility Clearances and HSO contact information. |
| Headquarters Survey Program | <ul style="list-style-type: none"> • Conducted 7 HSO Program Surveys of DOE Program Offices. • Reviewed, validated, and closed over 20 Findings in the Safeguards and Security Information Management System. • Organized and filled metadata on Survey Team SharePoint site. • Created the Survey SharePoint site that replaces the current PowerPedia page. • Created the Survey Trending Analysis and Tracking of Findings and Observations of HSO Program surveys. Developed focused HSO training on survey and trending results. • Provided direct support to new elemental HSOs by assisting in the development of HSO appointment memos, FDARs, control stations, and providing initial HSO training. • Supported the National Energy Technology Laboratory's (NETL's) creation of a secure space and sensitive compartmented information facility (SCIF). • Provided advice and assistance to the Defense Nuclear Facilities Safety Board (DNFSB) in the development and certification of their secure space. |
| Classified Matter Protection and Control (CMPC) | <ul style="list-style-type: none"> • Verified United Parcel Service (UPS) contracts in collaboration with MA and Office of Policy. • Established the foundation of the Hand Carry and Courier authorization program complete with SOPs, briefings, sample cards, and desktop references. • Conducted multiple revisions to Chapter 5 HQFMSP to maintain currency of information. • Conducted "Tiger Team" group support to assist streamlining the development of new organizations. • Initiated development of a CMPC Front facing Site. • Supported the Office of Classification, EHSS-60 on the Classified Document Review project. • Collaborated with JAIEG office in the creation of a sub-control station. • Classified Document Control Station (CDCS) prepared and dispatched 19 classified packages and 10 classified controlled packages. • CDCS received over 68 classified packages for processing. • Conducted over 35 briefings for the fiscal year including. <ul style="list-style-type: none"> ○ 13 CMPC briefings ○ 11 Classified Document Control Station briefings |

EHSS FY23 Accomplishments

| Office of Headquarters Security Operations | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> ○ 4 Other Government Agency (OGA) personnel briefings ○ 2 Congressional Courier briefings • Trained approximately 470 individuals for the fiscal year. <ul style="list-style-type: none"> ○ 290 CMPC ○ 172 CDCS ○ 7 OGA ○ 1 EOP ○ 7 Congressional Courier (CCB) |
| Headquarters Security Incidents Program | <ul style="list-style-type: none"> • Completed an update of Chapter 11 and revised associated Incidents of Security Concern (IOSC) forms. • Conducted 24 inquiries and assisted other HQ program office incident reviews, ensuring reports and documentation are completed correctly. |
| Security Awareness Program | <ul style="list-style-type: none"> • Ensured 100% completion of ASRB for individuals with DOE HQ sponsored clearances. • Provided quarterly updates to the security monitors on OPSEC and security awareness topics. |
| Headquarters Security Officer (HSO) Program | <ul style="list-style-type: none"> • Responsible for the Headquarters Security Officer (HSO) Program providing direct security support to 40 HQ program offices and assists approximately 113 HSOs/Alts/Reps with their security duties. • Reviewed national policy and DOE Orders providing updates where required. • Conducted 3 HSO Quarterly meetings providing updates on security topics. • Released 4 “Spotlight” papers providing updated information on topical areas for increased security awareness. • Updated Headquarters Facilities Master Security Plan (HQFSMP) Chapter 11 in response to IG report and draft response to IG. • Expanded Quarterly HSO meetings to include information provided by program offices outside of EHSS but that are essential for successful execution of HSO responsibilities. • Provided required USAccess training to HSOs for their duties as a USAccess Sponsor. • Provided an OPSEC CI Update – update aligned OPSEC program with DOE Tech Standard. • Developed a HSO SharePoint landing page. • Completed a review of active and pending clearances among EHSS contractors verifying clearances are still required for performance of work – submitted termination request for those not required. • Updated 518 EHSS contractor sub-agency abbreviations from AU to EHSS. |

EHSS FY23 Accomplishments

| Office of Headquarters Security Operations | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> Completed the request for 477 PIV Version 8 HSPD-12 Badges; 96% of required. Conducted HQMSP Chapter 5 review and policy clarification, resulting in successfully closing of IG survey finding. Provided guidance and support to all security-related issues within EHSS elements. Maintained and updated security area access lists occupied by the EHSS element. Submitted personnel security clearance request packages into the Clearance Action Tracking System for 248 applicants and 167 reinvestigations. Conducted review of Chapter 17 providing updates and clarification. Reviewed HQFMSP status ensuring annual update of chapters was conducted to remain compliant with security plan requirements highlighted in the DOE Order. |
| Trusted Workforce (TW) | <ul style="list-style-type: none"> 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. Onboarded all Personnel Security Specialists within EHSS-43 into NBIS, as well as establishing all of HQs 42 Program Offices into its hierarchy. 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. |

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 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 | |
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| Title | Accomplishments |
| (MAPPRITE) | <ul style="list-style-type: none"> Developed and successfully used several methods of data capture, including a Microsoft Teams based fillable form, Subject Matter Expert interviews, Questionnaires and Dedicated Research Projects. Curation teams successfully curated more than 1400 Requirement Source Documents and 100 records of tacit information. |

EHSS FY23 Accomplishments

| Office of Security | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> Completed several user interviews and surveys to determine most used functions of the Policy Information Resource and MAPPRITE tools and projected functional needs. Developed customized user interfaces for two curation teams. |
| Security Risk Management Technical Standard (SMRTS) | Coordinated with the field and Program Offices through various working groups during FY 2023 to identify Security Risk Management Technical Standard (SRMTS) topical areas for revision. These working groups included the Vulnerability Assessment Technical Working Group and the Performance Testing Working Group. The SRMTS final revision is contingent upon approval of the Design Basis Threat Change 2. |
| Publish a Classified and Unclassified Security System Design Reference (SSDR) for Access Delay | Developed two Security System Design References on the topic of Access Delay and submitted them for publication. |
| Security Risk Assessment Matrix (SRAM) Software | <ul style="list-style-type: none"> Deployed and trained users on Advanced Security Risk Assessment Matrix (SRAM) diagnostics in FY 2023. New SRAM scenarios were developed for critical infrastructure, tested, and demonstrated. DOE's Power Marketing Administrations are the primary users of the critical infrastructure enhancements. |
| Performance Test Working Group (PTWG) | <ul style="list-style-type: none"> Published the Canine Explosives Detection Team Certification Protocol technical standard in FY 2023. Coordinated and conducted the PTWG Spring and Fall meetings consistent with the described goal and published detailed meeting minutes. |
| Systems Testing Working Group | <ul style="list-style-type: none"> Coordinated and conducted the inaugural STWG meeting at Sandia National Laboratories from April 25-26, 2023. Savannah River Site will host the next meeting, which will include a systems testing demonstration related to testing methodologies for microwave sensors to provide technical data to support a potential policy change. |
| Provide Counter Unmanned Aircraft Systems (CUAS) Interim Guidance to the DOE complex | The Counter Unmanned Aerial Systems Selection Tool was completed in FY 2023 and populated with over 300 systems. Newly identified commercial platforms are being added with a release to Program Offices scheduled for the 1st quarter of FY 2024. |
| 2022 Radiation Source Protection and Security Task Force Report | <ul style="list-style-type: none"> Participated and engaged in all Radiation Source Task Force meetings and document reviews throughout FY 2023. The next meeting is scheduled to reconvene in November 2023. Continuing to participate and provide input and progress reports toward completing the open recommendations and actions in the Task Force Report, in coordination with the DOE/NNSA team. |
| Vulnerability Assessment SSDR | Initiated the Vulnerability Assessment Security System Design Reference project and obtained input from the field on desired |

EHSS FY23 Accomplishments

| Office of Security | |
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| Title | Accomplishments |
| | content. The SSDR outline and first chapter have been completed. |
| Trusted Workforce Continuous Vetting | <ul style="list-style-type: none"> Updated the memorandum of understanding with DCSA for Rap Back to provision the Department for enrolling the non-sensitive public trust workforce into Rap Back IAW the TW 2.0 Implementation Strategy. Collaborated with personnel vetting stakeholder offices, NA-74, EHSS-72, ONEID, and the General Services Administration to complete all three FY 2023 TW 2.0 milestones. Enrolled 99% of the national security sensitive workforce into Rap Back. Achieved full adoption of eApplication (eAPP) 30 days prior to the Performance Accountability Council Program Management Office (PAC PMO) milestone. Completed the annual Senior Implementation Official report to the PAC PMO on DOE's status of implementing TW). DOE is piloting the TW 1.5 CV in NBIS Shared Service Pilot. HQ, Idaho, Richland, and the Office of Safety and Security (Science) Cognizant Personnel Security Offices (CPSO) are participants in the CV Shared Service pilot. |
| National Background Investigation Service (NBIS) | <ul style="list-style-type: none"> Took the lead to receive training on eAPP through DCSA. The result of receiving DCSA's training gave 100% of the CPSOs, Power Marketing Administrations (PMA), and other Program Offices the capability to process actions in NBIS. DOE achieved 100% initiation of background investigations in eAPP 30 days in advance of the September 30, 2023, milestone. DOE is no longer initiating investigations request in eQIP. |
| National Instant Criminal Background Investigation System (NICS) | Collaborated with the Office of Inspector General, and the DOE and NNSA Human Capital Offices to obtain the relevant records. DOE was certified by the Federal Bureau of Investigations for continued compliance with the Fix NICS Act of 2018. |
| Technical Security | <ul style="list-style-type: none"> Accomplished all required/scheduled and requested technical security services to HQ Facilities, including surveys, inspections, advice and assistance and Controlled article reviews. Provided various level of support to SNL, LANL, SRS, SPRO, ANL, ORNL and BNL. Developed Cyber TSCM capabilities for deployment on networks. Developed and funded new TEMEPST test and evaluation Capabilities to be used as the standard for the federal government. Updated COMSEC online training course. Established request and approval process for all TSP training (DOE and OGA) through Learning Nucleus. Established training/certification tracking mechanism utilizing eTQP. |

EHSS FY23 Accomplishments

| Office of Security | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> Waiting final operational approval from NSA for COMSEC key distribution system (COOP/COG) at SNL. Finalizing MOU/MOA with ORNL to provide HQ TSP capabilities at ORNL. Equipment has been moved to ORNL, waiting ORNL final staffing and HQ TSP employee move. Submitted status/implementation plan to DNI for as required for new ICD 702. Appointed EHSS Deputy Director for Security as DOE Executive Steering Committee Member for the IC. Attending DNI working group meeting for impact for changes necessary to DOE policies. Promoted OTS staff member to Deputy Director and TSCM Program Manager. Selected TSP Lead for EHSS ORNL TSP Office. |

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 (EO) 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.

| Office of Classification | |
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| Title | Accomplishments |
| Quality Assurance Reviews (QAR) | Conducted QARs of the Central Intelligence Agency, Defense Intelligence Agency, Defense Threat Reduction Agency, Department of the Navy, and the Federal Bureau of Investigation, declassification programs to ensure their programs are consistent with the requirements in Public Laws 105-261 and 106-65 and DOE and National Archives Special Historical Review Plan (Supplement) for implementing the requirements of the Public Laws. |
| Classification and Unclassified Controlled Nuclear Information (UCNI) Program Evaluations | Conducted on-site evaluations in concert with program Classification Officers of DOE HQ, SNL, SFO, OST, IOO, INL and the FIE and CI Field Offices at SNL and INL. Conducted remote assessments of ACP, ORISE, SPRPMO, and FFPO. Completed data call analysis and decision reviews for OSO, OREM, ORNL, UCOR, and ISOTEK. |
| Classification Officers Technical Program Review Meeting | Hosted the 58th Annual Classification Officers Technical Program Review Meeting for over 100 classification officials from across the DOE complex over a three-day period. Seventeen presentations were given by DOE/NNSA Headquarters and Field staff detailing complex classification matters. |

EHSS FY23 Accomplishments

| Office of Classification | |
|---|---|
| Title | Accomplishments |
| FOIA Requests – DOE classified and EHSS-60 documents | Completed FOIA searches, coordinated responsive documents, and prepared and sent unclassified documents to the DOE FOIA office for nine FOIA requests. |
| DOE Mandatory Document Review (MDR) Requests | Completed MDR searches, coordinated responsive documents, and prepared and sent unclassified documents to the requester for two MDR requests. |
| FOIA and MDR Appeals | Reviewed, bracketed, and redacted nine appellate reviews of FOIA and MDR requests and responded back to the DOE FOIA Office or appropriate appellate agency. (eight MDRS and one FOIA). |
| Restricted Data (RD) Derivative Classifier (DC) Training | Finalized content of RD Derivative Classifiers Course and began migrating content to new format. |
| Transclassified Foreign Nuclear Information (TFNI) Training | Submitted comments on final draft modules for persons with access to TFNI and for persons who classify TFNI. |
| Classification Officials (CO) Certification Program | <ul style="list-style-type: none"> Ensured that classification officials were properly trained and appointed: <ul style="list-style-type: none"> Trained and certified 981 email DCs Presented 80 classification-related courses Trained 2213 DOE, NNSA, and other agency personnel Graded 1364 exams (PBTs) Appointed 421 and reappointed 562 classification authorities |
| Classification Training Course | Provided thirteen DC Courses for 126 students, including one emergent course. |
| Controlled Unclassified Information (CUI) Implementation | Responded to EHSS questions concerning marking and safeguarding CUI. Submitted six CUI categories to CUI SAO for approval; updated EHSS CUI Registry to reflect new categories for EHSS use; completed coordination of EHSS CUI SOP and Desktop Reference with EHSS offices; clarified use of CUI Privacy category for PII; and participated in seven CUI Community meetings. |
| EHSS CUI Training | <ul style="list-style-type: none"> Provided six EHSS-wide CUI briefings. Updated EHSS CUI Marking videos, PowerPoint and marking reference. Developed Marking Classified with CUI video, PowerPoint, and reference; created UCNI and CUI video. Updated and maintained EHSS CUI SharePoint site, including updating EHSS CUI FAQ and posting all new and updated materials. |
| Classification Guides | <ul style="list-style-type: none"> Completed first draft of the pit manufacturing guide. Non-nuclear test guide was postponed due to programmatic issues within NNSA. Completed draft of proliferant enrichment technology guide and placed into concurrence. Conducted 5-year review of all seven classification guides due in FY 2023. Published 12 HQ classification guides, 8 local guides, and 2 general guidelines in areas of nuclear weapons, |

EHSS FY23 Accomplishments

| Office of Classification | |
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| Title | Accomplishments |
| | <p>radiological emergency response, and nuclear material control, accountability, and shipping.</p> <ul style="list-style-type: none"> Published 8 bulletins and 3 advisory notices concerning areas of nuclear weapons, pit manufacturing, and nuclear material production and control. Distributed 3,832 classification guides/ bulletins/indexes in FY 2023. Completed timely reviews of 1,236 patents (64,299 pages) Completed annual review and validation for the 1,267 patents under secrecy order. Provided technical assistance concerning classification, and Unclassified Controlled Nuclear Information to DOE/NNSA field and Headquarters organizations and assistance concerning Restricted Data, Formerly Restricted Data, and Transclassified Foreign Nuclear Information to other government agencies. |
| Classification Challenges | Responded to a classification challenge from Idaho National Laboratory related to the development of response plans for protection of national security assets. |
| Declassification Proposals | <ul style="list-style-type: none"> Initiated timely coordination of five declassification proposals in the areas of stable isotope production, gaseous diffusion, lithium production, DFEAT exercise information, and the size of the US nuclear stockpile. Recommended that a declassification proposal made by Paducah related to scrap materials was better suited as an RD original determination. Currently coordinating the response with Paducah (TNP-119). Completed the Silex Evaluation Group report with recommendations about their declassification proposals. |
| Initial RD Determination | <ul style="list-style-type: none"> Completed timely initial RD determinations related to nickel recovery and lithium operations. Developed a bulletin for an initial RD determination related to military microreactors (TNP-95). Responded to an initial RD determination request related to a new Y-12 Lithium Production Process. |
| UCNI Determination | Developed classification guidance resulting from NNSC determination that U1a an UCNI utilization facility. |
| Advanced Computational Tools for the Identification of Classified Information (ACTICI) Program Management | <ul style="list-style-type: none"> Demonstrated functionality in two topical areas, Neutron Generators and Weapons Materials. Entered beta-test phase as additional functionalities have been added during FY 2023. Two EHSS-62 staff members are testing rule-creation functionality that enables application of ACTICI software to any subject area of value to the user. |
| SILEX Evaluation Group | Conducted SILEX Evaluation Group in October 2022 (FY 2023). Completed final draft of report with recommendations. |

EHSS FY23 Accomplishments

| Office of Classification | |
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| Title | Accomplishments |
| DNFSB Pre-Publication | <ul style="list-style-type: none"> Completed 1,621 pages (all that were received from DNFSB). Additionally, completed another 3,234 pages of pre-publication reviews of other documents (e.g. EEOICPA related documents). |
| EO 13526, Section 3.3, Automatic Declassification | Completed 752,500 pages. Another 177,500 pages completed by support contractor awaiting Federal acceptance. |
| FOIA Requests – DOE classified and EHSS-60 documents | Completed 73 requests of 25,150 pages. |
| DOE MDR Requests | Completed 121 requests of 13,979 pages. |
| FOIA and MDR Request Referrals | Completed 61 FOIA requests of 24,270 pages and 117 MDR requests of 13,665 pages (this data is included in the above FOIA/MDR data). |
| Rework of classification reviews at National Archives (NARA) | Completed the rework of classification reviews at NARA on December 28, 2022. |
| Classification reviews of OGA collections at NARA | Completed 764,196 pages. |
| OGA 400M Page Backlog at NARA | Completed 1,039,608 pages. |
| Resolution of OGA referrals to DOE at NARA | Completed 144,430 pages of OGA referrals to DOE. Additionally, completed 778,043 pages of OGA referrals to OGAs. |

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.

| Office of Resource Management | |
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| Title | Accomplishments |
| Administrative | <ul style="list-style-type: none"> Continuing to update EHSS-70 SOPs in all areas. EHSS-70 SharePoint is stood-up and we are continuing to improve and grow the site. EHSS-80 was established as a result of the evaluation of EHSS-43. |
| Human Resource | <ul style="list-style-type: none"> EHSS filled 29 critical hires and processed 15 promotions. Implemented full position management in CHRIS for all EHSS positions based on our approved staffing plans. Position management allows the tracking of continued use of FTEs for historical purposes and to develop strategic recruitment. Completed a position by positions analysis to identify Tele/Remote Work position designations for EHSS positions. |

EHSS FY23 Accomplishments

| Office of Resource Management | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> Participated in a soft launch of DOE's New Automated Telework System to help the HC and CIO offices identify any issues with the process. Implemented an EHSS reorganization designed to sharpen the focus of various offices and more closely align the skills and experience of staff members to the mission and functions of these offices. This reflects on EHSS's planned enhancements as another step in the evolution of EHSS as an integrated corporate environment, health, safety, and security organization that performs critical functions on behalf of the Department, responsive to the mission needs of the programs and sites. |
| Forms Management | <ul style="list-style-type: none"> Provided to the DOE Forms office an updated tracking of Forms. Continued to have forms updated, based on approved Information Collection Requests. |
| Records Management | <ul style="list-style-type: none"> File Plans have been critical in helping/ creating/starting SharePoint site with the help of DOE Records Management. Continued to provide EHSS guidance on deadline of paper acceptance of temporary/permanent hardcopy records. Extended to June 2024. Some EHSS offices are digitizing records. |
| Logistics | <ul style="list-style-type: none"> Scaled down EHSS's footprint within Headquarters by 15,437 SF to include completely moving out of Corporate 270. Completed 12 FORS and 12 GTN fully operational EHSS Hoteling Spaces with a scheduling tool to optimize space alternative workstations. Took delivery and installed all COVID stored furniture in outside warehouses. Closed action on the Mission Support Operations Center upgrade project due to the joint venture with other organizations within the Department and the use of Classified VTC A-040. Germantown Central Alarm System HVAC project placed on hold. Excessed 583 pieces of equipment. Completed Wireless upgrades for 125 members of EHSS. Onboarded 206 EHSS new federal and contractor employees. Offboarded 127 EHSS federal and contractor employees. Issued 392+ Property Passes for EHSS. Completed 2023 MA/Sunflower Inventory: 445 items. Completed 2023 MA/Sunflower Firearms Inventory: 118 items. |

EHSS FY23 Accomplishments

| Office of Resource Management | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> Completed the destruction of 43 Firearms from Executive Protection. Completed 22 Special Projects. Completed 119 Furniture, 160 Equipment and 360 box moves. Logged 2396 assets in DAYS/SUNFLOWER |
| Training | <ul style="list-style-type: none"> DOE O 360.1D was approved and published on 12/9/2023. Training Requests are approved in a timely manner based on internal SOP. |
| Procurement | <ul style="list-style-type: none"> Successfully awarded the FACTS system contract to ASSYST. The IT services contract was delayed as a result of a delay in getting FITARA approval. The class/declass acquisition plan package was delivered to MA-64 on time. The technical standards platform program solicitation was released but cancelled to rework the performance work statement. It will be released again by the end of the first quarter FY 2024. The renewal packages for 13 financial assistance programs were processed on time. Dedicated special support continues for the headquarters guard services contract to monitor performance issues and possible changes in service. Workload for the EHSS-73 team did not allow time to develop a more robust SharePoint site for 73, but we did grow what we have. Great and consistent efforts have been made to support the transition to G-invoicing. Workload for the EHSS-73 team did not allow time to fully develop training slides. |
| Information Technology | <ul style="list-style-type: none"> Review of EHSS classified network completed. Decision was made in March 2023 to work with NNSA so that NNSA provides classified network infrastructure and EHSS will maintain applications on the classified network. eDOCS base workflows and acceptance testing completed in September 2023. Transition to eDOCS from AUCT schedule to be completed by 12/31/2023. IG/GAO workflows and training are still outstanding items. Combined classified networks project completed and users transferred from CLAN to CNet on September 8, 2023. Remaining items include decommissioning of CLAN in December 2023. UNet / eDISS project completed December 13, 2022. Decommissioning of legacy equipment completed in March 2023. |

EHSS FY23 Accomplishments

| Office of Resource Management | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> • Project for authentication services using OneID for EHSS applications deferred to FY 2024. • Transition to CSAM is continuing in FY 2024. • Initial deployment of CDM tools completed in September 2023. CDM rollout will continue in FY 2024. • EHSS end user workstations optimized as part of Future of Work, to include reduction of duplicative workstations. • Privacy program desk reference deferred to FY 2024. • VTC and Hoteling space reservation systems completed in May 2023. Initial hoteling space IT completed in March 2023. • EHSS IT work areas reviewed with CIO during FY 2023. IM determined that no work should be transferred to CBOSS contract. |
| PIV (HSPD-12) / USAccess | <ul style="list-style-type: none"> • DOE PIV Card Issuer Operations Plan issuance deferred to FY 2024 due to OneEnrollment project. • Development activities were planned and are 50% completed in FY 2023. Initial Operating Capability is scheduled for April 2024 with Final Operating Capability in 1Q25. • Transition from PIV v7 to PIV v8.1 is continuing in FY24. Transition to be complete by June 30, 2024. 13,728 v7 PIV cards remaining to be completed by June 2024. Current PIV card population is 131,127 as of October 23, 2023. • Assistance to Office of Science for PIV issuance is continuing in FY 2024. Provided consultations on methods and approaches to Office of Science in FY 2023. • Assistance to DOE enterprise for post COVID transition provided in FY 2023. Assistance on USAccess equipment refresh at DOE facilities was also provided in FY 2023. Assistance will continue in FY 2024. |
| Budget | <ul style="list-style-type: none"> • Developed and recommended an EHSS-1 approved execution plan. • Successfully reprogrammed \$440K from Office of Hearings and Appeals to support the Executive Protection travel budget. • Redirected \$5M in program funds from Program Offices with high uncoded funds to critical program areas short in funding. • Redirected \$1.9M in prior-year unobligated program funds to critical program areas in need of additional funding. • FY 2022 returned PD funds of \$4.5 M were used exclusively to fund Salaries in FY 2023. • Successfully allocated funds in the Budget Formulation and Distribution system (BFADS) for all funding actions. |

EHSS FY23 Accomplishments

| Office of Resource Management | |
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| Title | Accomplishments |
| | <ul style="list-style-type: none"> • Issuance of 103 field funding actions and accompanying task statements • Issued 68 Funding Memos • Provided funding for over 155 HQ's STRIPES actions • Formulated FY 2024 Corporate, OMB and Congressional Budget submissions, including briefing materials and participation in the briefings at all levels. • Formulated FY 2025 Corporate and OMB submissions, issue papers, briefing materials and participated in briefings. • DOE is still in the pilot phase of implementing Trusted Workforce. DCSA has not established a way to bill customers at this time so we could not draft a financial user guide. • Successfully supported 4 G-Invoicing actions that required a misc. funding memo for obligation instead of MA procurement involvement. |

The **Office of Headquarters Security Vetting (EHSS-80)** The Office of Headquarters Security Vetting strengthens the national security enterprise by ensuring it's personnel are assessed for their loyalty, integrity, and ability to protect classified information and other sensitive unclassified information for DOE Headquarters facilities through the management and implementation of access authorization (security clearance) functions, as well as the Homeland Security Presidential Directive (HSPD-12)/Personal Identity Verification (PIV) process. The office oversees and manages both the Office of Headquarters Credentialing Operations and the Office of Headquarters Personnel Security Operations elements who are responsible for, through national security mandates, as well as Federal and Departmental policies, the implementation of the HSPD-12, and the access authorization (security clearance) functions for DOE Headquarters.

| Office of Headquarters Security Vetting | |
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| Title | Accomplishments |
| Other Government Agency (OGA)s | EHSS-82 has decreased the population to 6,056; a reduction of 25.24% in total of unsponsored OGAs, thereby reducing risk of invalid, out-of-date clearances to the Department. |
| Processing & Procedures Instructions (PPI) Handbook | <ul style="list-style-type: none"> • PPI chapters finalized, and all references to eQIP have been changed to eAPP. Included links to job aids from STEPP website. • Reviewed and updated the following Desk References/SOPs: <ul style="list-style-type: none"> ○ 2nd Tier Clearance Adjudication, Administrative Review Procedures, Mental Health Evaluations, Reimbursable Security Investigations, 1st Tier Personal Identity Verification (PIV) Adjudication, and 2nd Tier PIV Adjudication, OGA Revalidation, How to Run OGA Dashboard Report, ePSF Reconciliation, How to Terminate |

EHSS FY23 Accomplishments

| Office of Headquarters Security Vetting | |
|---|---|
| Title | Accomplishments |
| | OGA Clearances, Correspondence After Reciprocal OGA Clearance. |
| Customer Service | <ul style="list-style-type: none"> EHSS-82 partnered with EHSS-53 to help develop and build an external DOE SharePoint page for all Personnel Vetting Stakeholders, to provide up to date information on the policies, guidance, and drivers affecting Trusted Workforce and Personnel Vetting across the enterprise. EHSS-80 updated our internal DOE customer SharePoint site, providing Headquarters Program Offices and Departmental Elements up-to-date information on the clearance process, HSPD-12, Reporting Requirements, and the Adjudication Process for both HSPD-12 and clearance actions. EHSS-82 also embedded a customer feedback survey into our Customer SharePoint site to assist with understanding the continued needs of its customers. |
| Document Imaging/Records Management | <ul style="list-style-type: none"> EHSS-82 completed 10% of the cleanup and migration of the remaining Shared Drive files. Just over 150 files remain within the Shared Drive for review, clean up, and migration to SharePoint. During FY 2023, EHSS-82 uploaded 807 case files into CATS and reconciled over 2,567 physical file folders. |
| Transition to NBIS | <ul style="list-style-type: none"> EHSS-80 led the Department in fully implementing the National Background Investigation Service (NBIS) electronic application (eAPP) by successfully provisioning all its users and establishing its organizational hierarchy, well before the projected end-state of eQIP occurred in 9/2023. EHSS-80 exclusively utilizes eAPP for all investigative processing and has processed over 2,388 applications in the system since it began utilizing eAPP in 1/2023. |
| Trusted Workforce/Report of Arrest and Prosecution Background System (RAP Back) | <ul style="list-style-type: none"> EHSS-82 has enrolled its entire population of national security clearance holders into RAP Back and continues to enroll new hires on a periodic basis. EHSS-82 has participated in the VRO Continuous Vetting (CV) Pilot with the Defense Counterintelligence and Security Agency (DCSA) to enroll more than 550 of its national security population into a Trusted Workforce 1.5 capable CV system and is expected to have the remaining 3,900 enrolled by EOY. |
| Headquarters Facilities Master Security Plan (HQFMSP) | EHSS-80 completed the revision of the HQFMSP, Chapter 3, where the process to acquire a security clearance is explained, common personnel security actions such as verifying a person's continuing need for a security clearance, reinvestigating cleared personnel on a recurring basis, and passing security clearance information between governmental agencies. |
| EHSS/HC Working Group | Created five (5) Fact Sheets for the Office of Human Capital for posting on HCNet, Hiring Guidance, to provide an all-inclusive |

EHSS FY23 Accomplishments

| Office of Headquarters Security Vetting | |
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| Title | Accomplishments |
| | shared services approach to Headquarters Program Offices and Departmental Elements. |
| Intelligence Reform Terrorism Prevention Act (IRTPA) | EHSS-82 exceeded its IRTPA goals from seven months (FY 2022) to eleven months |
| Shared Onboarding Tracker | Collaborated with the Office of Human Capital and assisted in the development of the Candidate Status Tracker to implement a tracking tool for resource managers and hiring managers to allow better visibility of where their new hires are in the onboarding/security process. |
| New Program Office Tiger Team/HSO Program | In collaboration with EHSS-42, worked to reinvigorate and revitalize the Restricted Data (RD) briefing to ensure that individuals are familiarized with the procedures for identifying, classifying, marking, handling, and declassifying documents containing RD as required by The Atomic Energy Act and 10 Code of Federal Regulation Part 1045, Nuclear Classification and Declassification. |
| Clearance | Processed* the following: <ul style="list-style-type: none"> • 1,403 – Applicants • 647 – Reinvestigations • 442 – Reciprocity Requests *Not inclusive of adjudicative actions outside of EHSS-82. |
| HSPD-12 | Processed* the following: <ul style="list-style-type: none"> • 2,125 – Total HSPD-12 Requests • 1,438 – Federal Employees • 687 – Contractors *Not inclusive of adjudicative actions outside of EHSS-81. |
| Personal Identity Verification (PIV) | Refer to sections above titled EHSS/HC Working Group, Shared Onboarding Tracker, Headquarters Facilities Master Security Plan, Transition to NBIS, and Customer Service. |

E. LEADERSHIP OFFICE Accomplishments

| Office of the Director | |
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| Title | Accomplishments |
| 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 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 and assistance in the |

EHSS FY23 Accomplishments

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| | implementation of the Department's Sustainability Plan and Climate Adaptation and Resilience Plan. |
| Department of Energy Conservation Action Plan (CAP) Leadership | Led the coordination and development of the Department's CAP. Continued to provide leadership and policy direction in the conservation of natural resources. |
| Addressing Per- and Polyfluoroalkyl Substances at the Department of Energy | <ul style="list-style-type: none"> Published DOE's PFAS Initial Assessment Report (November 2022), Operating Experience Summary "Addressing New Health Advisories for PFAS in Drinking Water" (November 2022), Historical/Current Use Records Search Guidance (January 2023), and Environmental Sampling Guidance (August 2023). Drafted PFAS Storage and Disposal Guidance (expected to be published in CY 2024). Communicated Interagency decisions and actions related to PFAS policy with the PFAS Coordinating Committee and PFAS Work Group. Led and Collaborated with Interagency working groups. Provided assistance to Program Offices, Sites, and Laboratories with regard to PFAS policies and analytical methods. Led DOE efforts to respond to the Congressional request for a Lifecycle Report on Fluoropolymers. |
| 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"> Promotion of consistent development and application of policies and methodologies to protect US assets is ongoing. 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. Enhanced communication and pursue consistent application and implementation of all policies and processes. |
| 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. |

EHSS FY23 Accomplishments

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| Program Reviews | Program Reviews with all EHSS offices were conducted. |
| EHSS All Hands | Conducted EHSS All-Hands meetings in January and May of 2023. |
| 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 | Met with House Appropriations Subcommittee on Energy and Water Development and Related Agencies, House Armed Services Committee and Senate Armed Services Committee regarding our FY24 budget. |
| 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 2023, in Idaho Falls. |
| Safety Culture Leadership | <ul style="list-style-type: none"> Supported the DOE National Training Center in delivery of over 36 safety culture training sessions across the enterprise. Delivered regularly scheduled Executive Essentials New Orientation/Sessions to introduce agency Senior Executives on the Department's leadership expectations – to establish and maintain a positive safety culture and a Safety Conscious Work Environment. Provided advice and guidance to Federal and contractor senior leaders on emerging issues associated with organizational climate, safety culture, and SCWE. Lead a Safety Culture Assistance Visit at the request of UCOR which contributed to the SCIP's development of the new pilot program aimed to provide tools and resources to organizations to proactively improve the safety culture. Promoted and processed DOE's Outstanding Safety Culture Award nomination and selections process – to recognize federal and contractor individuals and teams who demonstrate behaviors consistent with promoting a positive safety culture. Collaborated with HC, Ombudsman, and the ED to incorporate safety culture and TRAC behaviors into performance plans and the Department's DEIA initiative. Created safety culture modules for DOE National Training Center's Security Executive Leadership Training course; and supported delivery of the pilot session(s). |

EHSS FY23 Accomplishments

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| | <ul style="list-style-type: none"> Supported DOE National Training Center in the comprehensive review of safety culture training courses – to bring alignment amongst and promote a consistent approach to training materials. |
| Safety Culture Assessment Benchmarking | <ul style="list-style-type: none"> Scheduled, coordinated, and sponsored the DOE Safety Culture Improvement Panel Annual Meeting and Workshop. The +/-200 attendees shared best practices and lessons learned from DOE, DOE contractors and other invited guests – including keynote speakers from IAEA, NASA, FAA, and NUMO of Japan. Supported multiple external safety culture self-assessments for Duke Energy to promote organizational learning, which will be used to develop DOE's Safety Culture Assistance Visit process. |
| Safety Culture External Engagements | <ul style="list-style-type: none"> Delivered presentations on DOE Safety Culture Improvement Panel and safety culture to/for: <ul style="list-style-type: none"> EM's Field Management Council National Cleanup Workshop National Insider Threat Awareness Month meeting Federal Aviation Administration Arranged for DOE's Office of Enterprise Assessment presentation to SCIP on safety culture CRADs used for safety culture implementation oversight process (of federal and contractor's systems, structures, and processes too successfully support the implementation of safety culture) Coordinated Waste Management Session 151, Organizational Effectiveness and Psychological Safety at the Waste Management Symposium. EHSS representatives facilitated the session which included DOE, DOE Contractor, and International Senior Executives from environmental cleanup, national security, and nuclear fields. Coordinated and facilitated the presentation of over 15 organizational shares from DOE, DOE Contractor, and invited external organizations. Created safety culture pop-up messages for use in social media and posters for across the enterprise. Evaluated stories for dissemination in DOE's OrgEx and OpEx systems. |
| Federal Preservation Officer | <ul style="list-style-type: none"> Provided policy guidance and assistance to Program and Site Offices regarding historic and cultural preservation issues. Supported efforts to develop and provide consolidated Departmental information to the White House on historic preservation, cultural resource, and tribal engagement issues. |

EHSS FY23 Accomplishments

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| | <ul style="list-style-type: none"> • Led Departmental planning effort to improve coordination and effectiveness of Departmental historic and cultural resource management efforts. |
| 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"> • Participated as a member of the Directives Review Board. • Participated as a member of the NELT Steering Committee. • Attended scheduled DICARC meetings. • Participated as a member of the Security Protection Verification Committee Nuclear Security Guidance Committee Department of Homeland Security National Biosurveillance Integration Center (NBIC) Advisory Board. • Participated as a member of Suitability and Security Clearance Performance Accountability Council. |
| 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 nine interns in FY23. |
| Provide rotational opportunities | Encouraged and provided rotational opportunities to EHSS staff internal to DOE. |
| Speaking Engagements/Presentations | Addressed Former Worker Program Biannual meeting; Insider Threat Workshop; Worker Health Protection Program; EFCOG Annual Meeting; SCIP Annual Workshop; Personnel Vetting Workshop; Nuclear Safety and Facility Program Workshop; and Human Reliability Workshop. |
| Outreach on EHSS Support and Technical Assistance | 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 National Laboratories Chief Operations Officer Workshop as a member of the LOB; National Clean Up Workshop; and Waste Management Symposia. |

EHSS FY23 Accomplishments

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| 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 January 2024 All Hands meeting. |
| Weekly Directors Meetings | 82 Directors meetings were held to share program activities. |
| Chief Medical Officer | |
| EHSS's Chief Medical Officer serves as the chief occupational and environmental medicine physician for the Department in support of over 50 occupational health facilities which in turn provide healthcare over 100,000 DOE Federal and contractor employees, as well as over 60,000 former DOE employees. The Department's CMO functions as an integral member of the Department's Environment, Health, Safety and Security (EHSS) organization. | |
| <ul style="list-style-type: none"> Chief Medical Officer (CMO) participated upon request in semi-annual and monthly meetings of the EFCOG (Energy Facilities Contractors Group) Occupational Medicine Technical Task Group and Community of Practice (CoP). Participated in the development and implementation of the EHSS-1.2-sponsored Annual Human Reliability Program (HRP) Workshop, articulating a case-study methodology for this year's workshop so that demonstrative cases would promote more effective engagement of Occupational Medicine professionals and safety/security managers. Participated in the EHSS-1.2-sponsored bi-monthly HRP meetings through which Occupational Medicine professionals receive ongoing support. Reviewed nominations of HRP medical professionals from ORNL, LLNL, LLNL, LANL, SRS, Y-12, KCNSC, NNSS, and OST. Reviewed nominations of Protective Force medical professionals from DOE HQ, BNL, PNNL, ORNL, SNL, LBNL, NREL, CNS (Y-12 and Pantex Plant), KCNSC, SPR, and Hanford. Coordinated the Independent Review of a medically disqualified BNL Security Officer consistent with regulatory requirements in coordination with EHSS-51. Participated in ongoing discussions of with EHSS leadership, security policy, and GC regarding the regulatory requirements for Protective Force medical professionals which stipulate training in Occupational Medicine. Provided EHSS leadership with technical background in the response to the OIG's HRP audit (IG-A22PT018) "Implementation and Administration of Department's Human Reliability Program." Provided numerous clarifications to site officials regarding the processes for nominating medical professionals and the resources such as templates made available by EHSS through PowerPedia. Attended the 2023 American Occupational Health Conference (AOHC) to learn of updates in the medical specialty from other leaders in the field. Completed the American College of Occupational & Environmental Medicine (ACOEM) 2023 Medical Review Officer (MRO) Comprehensive course to learn of updates in the discipline of drug- and alcohol-testing in the occupational setting. | |

EHSS FY23 Accomplishments

- Recommended and assisted in the development of an EHSS-20-sponsored Monkeypox Operating Experience (OPEX) Awareness Report based upon the 8/4/2022 declaration of a Public Health Emergency at which time the United States accounted for 26,000 of 68,000 cases, globally.
- Recommended and assisted in the development of an EHSS-20-sponsored Monkeypox Operating Experience (OPEX) Awareness Report based upon the 8/4/2022 declaration of a Public Health Emergency at which time the United States accounted for 26,000 of 68,000 cases, globally.
- Participated in the NA-40-led Eagle Horizon 2023 exercise for Continuity of Operations (COOP).
- CMO was appointed by NA-40 and HC to the Emergency Response Group (ERG) for DOE HQ.
- Participated in the Beryllium Health & Safety Committee (BHSC)'s semi-annual meetings.
- Participated in the Radiobiology, Bioterrorism, Research, & Training (RABRAT) semi-annual meetings.
- Participated in the DHS NBIC National Interagency Working Group (NIWG) semi-annual meetings and referred 1) comments regarding NBIC's 5-year Strategy and 2) a request for a DOE POC to respond to GAO auditors to EHSS-13 as the EHSS lead for biosurveillance.
- Participated in the newly formed DHS NBIC Data Integration and Analytics Sub-Working Group's initial meetings.
- Participated in the National Security Council (NSC) "Countering Biological Threats Interagency Policy Committee on Marburg in Equatorial Guinea".
- Participated in the HAMMER Medical Surveillance Subcommittee meetings.
- Addressed EHSS leadership requests for 1) clarification of exemptions to work-relatedness of injuries, including to those involving Departmental leadership 2) responses to site managers seeking policy/guidance relating to automated external defibrillator (AEDs) programs which are not referenced by Departmental or OSHA regulations 3) potential comments regarding a DHS proposal to establish a Chief Medical Officer with authorities over all DHS medical programs.
- Supported EHSS-10 regarding the DOE Biological Event Monitoring Team (BEMT), including discussions with EHSS-13, NA-40, and biosurveillance vendors (e.g., BlueDot, Clarivate).
- Responded to EHSS-20 requests to 1) consider a variety of injuries reported from the field to the Computerized Accident Reporting System (CAIRS), and 2) support the Accident Prevention program through periodic meetings and a number of Quality Reviews in which draft Accident Investigation Board (AIB) reports were submitted for technical review.
- At the request of EHSS-40, participated in newly formed Emergency Management Assessment Working Group.
- Supported EHSS-50's request for review of an informed consent form for mental health evaluations under Personnel Security reviews.
- Satisfied SC Program Office requests for participation in accident investigations at SLAC, Fermi, and ORR, receiving a team award in the process.
- Responded to SC-2 request for participation in the newly formed DOE Biosurety Executive Team to assist in policy updates reflecting the National Biodefense Strategy and the Bioeconomy Executive Order.
- Responded to NNSA requests for 1) NA-20 support for Defense Nuclear Nonproliferation to update a deployment handbook and facilitate deployment physicals at DOE HQ, and 2) NA-40 support for representation at the NSC regarding biosecurity meetings, comments regarding a potential collaboration between HHS and DOE regarding the International Health Regulations (IHR) which govern responses to global and domestic bioevents.

EHSS FY23 Accomplishments

- Provided support to IM-40 for records management from human radiation experiments within the Department and for “ownership” of occupational health records, in general.
- Supported OE-1 in providing expanded energy benefits to Puerto Rican citizens with implantable, energy-dependent medical devices.
- Provided weekly updates to EHSS leadership with recommendations for potential enhancements of policy and guidance spanning health, safety, and security, including pandemic planning at the Departmental level.

Employee Concerns Program

The Department of Energy (DOE), including the National Nuclear Security Administration (NNSA), established the **Employee Concerns Program (ECP)** to encourage the free and open expression of Federal, contractor, and subcontractor employee concerns; provide an independent and formal avenue to raise those concerns; and support a safety culture where employee concerns can be promptly identified and resolved without fear of reprisal/retaliation.

To improve the visibility and communication about the ECP across DOE:

- The Annual Secretarial Notification about the DOE ECP was issued in December 2022 via DOECAST.
- Issued inaugural DOE HQ ECP Annual Activity Report, providing description of DOE HQ ECP Initiatives, Lessons Learned, and Statistics relating to Complex-wide ECP activity in FY 2022.
- Provided information and guidance to the ECP Network (DOE/NNSA and contractor ECP professionals) through monthly teleconferences. In addition to training provided by DOE ECP staff on topics including Order requirements and ECP best practices, training sessions were provided by the Office of Hearings and Appeals (OHA) on the formal retaliation complaint process for contractor employees and the Alternative Dispute Resolution Office (ADRO) on conflict resolution techniques.
- Completed the development of a Shared Resource Library for the DOE/NNSA ECP Network via Kiteworks and SharePoint, providing access to relevant Directives, guidance documents, templates, recordings of the monthly training, and other information related to the implementation of an effective ECP.
- Provided individual welcome emails to newly hired DOE HQ employees to educate them about their rights and responsibilities to report concerns and to provide them with information about the DOE ECP as an avenue for that purpose.
- Represented DOE as a non-voting member of the National Association of Employee Concerns Professionals (NAECP) Board of Directors.
 - Participated in quarterly Board meetings, to include assisting with planning for the May 2023 annual conference.
 - Supported the EHSS-1 in presenting his keynote address at the 2023 conference.
 - Hosted a training breakout session for DOE/NNSA federal and contractor ECP personnel in attendance at the 2023 conference.
 - Partnered with the DOE Safety Culture Advisor to provide TLP-150, Safety Culture for Front Line Leaders, training to NAECP attendees.
 - Conducted site visits, meeting with senior DOE/NNSA officials and local ECP personnel.
 - Met with NNSA HQ officials on a regular basis to discuss the implementation and management of NNSA ECPs.
 - Provided ECP briefings to DOE/NNSA officials across the DOE/NNSA complex.
- Completed the development of TLP-310, Employee Concerns Program Training for Managers and Professionals, in collaboration with the DOE National Training Center (NTC), which will

EHSS FY23 Accomplishments

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| <p>provide formal instruction to ECP professionals on the implementation of DOE ECP requirements and best practices.</p> <ul style="list-style-type: none">○ A team of ECP professionals met with NTC personnel in December 2022 to complete development of the training material.○ The training was piloted at the NTC in April 2023, with participants from DOE/NNSA and contractor ECP organizations.○ The training material was finalized upon completion of the pilot and has been scheduled to begin formal training in FY24. <ul style="list-style-type: none">• Continued efforts to evaluate all DOE/NNSA ECPs in light of Order requirements and industry best practices, for the purpose of determining the level of maturity of DOE-level ECPs, in order for the ECP Director to be better able to provide guidance and support to the Programs and their management.<ul style="list-style-type: none">○ Completed interviews with ECP Managers and document reviews of all DOE/NNSA ECPs.○ Solicited information from Senior Managers and Contracting Officers, either through a Teams call or a written questionnaire, in an effort to obtain their insight on implementation of their respective ECP.○ Issued final reports on eight ECPs, identifying Program strengths and providing recommendations for areas for improvement.○ Provided copies of the draft report to additional ECPs, requesting their comments on the preliminary evaluations.○ Completed the self-assessment of the DOE HQ ECP.• Continued work toward full implementation of the DOE HQ ECP Database.<ul style="list-style-type: none">○ Collaborated with EHSS-72 to transfer the ECP Database to the DOE Cloud. The Database is currently in the Cloud in the testing environment.○ Oversaw the development of a section of the Database that will provide a mechanism for contractor ECPs to submit their semi-annual Program statistics directly into the Database, eliminating the need to submit them via a spreadsheet.• Processed concerns submitted to the DOE and NNSA ECPs, including 13 in-scope concerns, involving 19 separate issues, ensuring appropriate resolution, including investigation by DOE HQ ECP staff or transfer to the appropriate DOE/NNSA ECPs for resolution.<ul style="list-style-type: none">○ Addressed an additional 50 issues classified as non-concern contacts, since they fell outside the official scope of the ECP. |
| Safety Culture Improvement Panel |
| <p>The purpose of the Department of Energy's (DOE) Safety Culture Improvement Panel (SCIP) is to establish a permanent, high-level organization within the DOE devoted to promoting safety culture; provide cross-organizational leadership focused on continuous safety culture improvement; and create an ongoing forum for the exchange of information and ideas to establish, monitor and sustain measures that support a strong safety culture.</p> |
| <ul style="list-style-type: none">• The FY 2023 Annual Plan was approved and issued on November 8, 2022, included 15 goals with 157 supporting milestones. Of the 157 milestones, 138 were closed (88%). The remaining 19 are in progress and deferred to FY 2024. Two of the seven working groups completed their overall task and were sunsetted (the Community of Practice Working Group) and the Safety and Security Culture Working Group).• A total of 11 monthly SCIP meetings were conducted, all of which included 14 organizational presentations to promote best practices and lessons learned.• This was the second year of the Outstanding Safety Culture Awards. No revisions were made to strategic/guiding documents (e.g., nominations process). Clarification was provided on the Nominations form/submission process. |

EHSS FY23 Accomplishments

- There were no revisions to the Outstanding Safety Culture Awards strategic documents. The process flow diagram outlining the process was updated, which outlines each steps and responsibilities. The SCIP Executive Secretary administered the nominations and review panel consistent with the process. The panel members and Co-Chairs selected recipients consistent with the process outlined and the Executive Secretary coordinated with S1 for autopen approval. Nominees were recognized and award recipients were presented plaques/certificates in a formal ceremony at the SCIP Annual Meeting in August 2023.
- The SCIP Annual Meeting and Safety Culture Workshop was held August 15-17, 2023, in Idaho Falls, ID. Nearly 300 participants from DOE/DOE contractors, other federal agencies (NASA, FAA), invited guests from IAEA, NUMO of Japan, and the commercial nuclear industry engaged in the workshop which focused on the concept of psychological safety. A listening session was facilitated to identify areas for SCIP to focus on in FY24. SCIP Working Groups met for two weeks post workshop to develop FY24 Annual Plan goals/milestones.
- In FY 2023, EHSS supported SME/lead instructions for 34 classroom deliveries of DOE National Training Center (NTC) safety culture courses, including 9 sessions of TLP-200, Safety Culture for DOE/DOE Contractor Senior Leaders, 17 sessions of TLP-150, Safety Culture for Front Line Leaders (supervisors), and 7 sessions of TLP-100, Safety Culture Fundamentals (for employees) for nearly 800 Federal and contractor leader/employee participants. EHSS SMEs supported certification of 17 new instructors at multiple DOE sites/organizations for TLP-150 and TLP-100 through teaching, monitoring, and evaluation. SMEs participated in a Comprehensive Review of DOE NTC Safety Culture course materials to bring the three courses into alignment and promote consistency in approach/methodology. SMEs also developed a tracking tool now utilized by DOE NTC to better plan/prepare and support delivery of courses to meet the level of demand for the courses across the DOE complex. DOE EHSS SMEs also engaged with DOE NTC in the early planning stages of the pilot Safety Culture Assistance Visit process, which will enable DOE NTC to evaluate team member and team lead qualifications and experience, and build the foundation for a new course that will be developed in FY24 called TLP-175, SCA Visit Team Lead and Team Member training.

| EHSS-1 Communications Center | |
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| Title | Accomplishments |
| EHSS Annual Operating Plan | The FY23 Annual Operating Plan was published in January 2023. |
| EHSS Accomplishments Report | The FY22 Accomplishments Report was published in January 2023. |
| FOIA Requests | 69 FOIA requests were processed. |
| Privacy Act Requests | 7 Privacy Act requests were processed |
| Inspector General (IG) and Government Accountability Office (GAO) | 16 Inspector General Audits were conducted resulting in 8 recommendations received – 4 closed; 18 Government Accountability Audits were conducted resulting in 2 recommendations received – 2 closed. |
| Executive Secretariat Tasks | Processed 300 Executive Secretariat Tasks to include required Reports to Congress in 2023. |
| 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. |

EHSS FY23 Accomplishments

| F. CONGRESSIONAL REPORTS | |
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| Title | Accomplishments |
| Report to Congress on Special Access Programs | This report is expected to be processed to ES for S1 Approval and Signature October 2023. |
| Report to Congress on Certification of Category I and II Special Nuclear Materials | The report was transmitted to the Hill by Intelligence and Counterintelligence (IN) on 12/23/22. |
| Annual Report to Congress on Granted Bond Waivers | Annual Report for 2022 was signed and sent February 1, 2023, as required. |

| G. EMPLOYEE ENGAGEMENT WORKING GROUP (EEWG) |
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| <p>The Employee Engagement Workgroup, also known as the EEWG, fosters an organizational culture to stimulate a positive and healthy work environment. We provide strategies and recommendations to boost workforce performance and satisfaction.</p> |
| <ul style="list-style-type: none">• The EEWG convened a sub-working group to answer several questions posed by EHSS-1 that were based on the results of the 2022 FEVS. The group met several times and proposed, and drafted, a survey that was to be administered using Survey Monkey. The EEWG was informed that the use of Survey Monkey for federal employees is being reviewed for consideration by the Office of General Counsel.• The EEWG recruited a new Chair and Co-Chair during the period; Ms. Julia Schucker and Ms. Jayleen Poole. EEWG leadership will determine whether or not a revised charter will be an objective for 2024.• The EEWG hosted several teambuilding sessions with the group involving virtual games like This or That? and trivia sessions.• EEWG hosted the Alternative Dispute Resolution Office and had sessions with EHSS Interns, Writing for Busy Readers, Encouraging Healthy Debate in the Workplace, The Power of Options, and Working in a Hybrid Environment. |

EHSS FY23 Accomplishments

H. ACRONYMS

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| 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 |

EHSS FY23 Accomplishments

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| Mission Essential Function | MEF |
| 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 |
| Order | O |
| 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 |