

TEMPORARY CHANGE REQUEST

TCR NO. TCR-GEN-007,R4-001

(e.g., TCR-ENG-021,R0-001)

The Temporary Change Request (TCR) Form is to be used to process urgent or minor changes for PPPL Policies, Organization/Mission Statements and Procedures. The TCR should be used when changes are:
1) urgent, and can not wait the 2-4 week period for Department Head review/comment, or
2) minor, and do not warrant Department Head review.

Person Requesting Change: James B. Graham **Phone Ext:** 2701

Department Name: Best Practices and Outreach

Document Number: GEN-007 **Revision No.:** 4

Document Title: Review and Implementation of Requirements

Reason for change:

Updates as a result of 3-year periodic review.

Change description: (Summarize and attach changed pages, with changes clearly indicated)

Changed attachment 2 to a sample of the current online version of the list of systems and processes assignments and directed readers to the link to the online version.

Updated organization names.

Updated names of managers.

Updated some processes and their assignments.

1. Does this TCR significantly alter the intent or scope of the document? **YES:** _____ **NO:** X

2. Does this TCR significantly impact **ES&H**? **YES:** _____ **NO:** X

If 1 or 2 is **YES**, Explain why the changes should not be routed for Department Head review:

James B. Graham
Department/Division Head Approval

11/10/15
Date

John De Looper
Head, Best Practices and Outreach/designee

11/12/15
Date

Release/Effective date of this TCR: 11/12/15

Incorporate this TCR into next revision of this document? **YES:** X **NO:** _____

Subject: Review and Implementation of Requirements (Laws, Regulations, Standards, Contract Clauses, DOE Directives, Procedures)	Effective Date: Oct 30, 2012	Initiated by: Head, Best Practices and Quality Assurance
	Supersedes: Revision 5, dated Jan. 9, 2006	Approved: Director

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Management System (Primary): 12.00 Assurance and Improvement
Management System Owner: Head, Best Practices and Outreach
Management Process: 12.18 Requirements Management
Process Owner: Head, Best Practices and Outreach; Head Best Practices and Quality Assurance
Subject Matter Expert (SME): Head, Best Practices and Outreach Head, Best Practices and Quality Assurance

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Applicability

This procedure is applicable to all PPPL activities.

Introduction

The Laboratory is obligated to comply with applicable Federal, State, and Municipality Laws; and with contractually mandated regulations, clauses, standards, and Department of Energy (DOE) Directives. PPPL complies with these requirements by implementing policies, procedures, plans, and manuals that are applicable Lab-wide; as well as procedures, manuals, and instructions that are specific to individual departments, divisions, branches, and groups.

This procedure identifies the process used to: 1) review and define the applicability of DOE, Federal, State, and Local requirements and standards; 2) develop implementation plans for compliance; 3) stay current with the requirements, 4) determine need and plan for training and informing workers of requirements, and 5) ensure compliance with requirements.

Federal, State, County, and Municipality Law documents that apply to PPPL; as well as DOE contract and Directives requirements are identified by designated Management System Owners (shown in Table I) and designated Process Owners. These individuals are responsible to obtain and become familiar with the requirements applicable to PPPL and to inform appropriate Laboratory management, personnel, and committees of the applicability and impact of regulatory requirements. They maintain access to current versions of the applicable requirements.

The complete list of Management System Owners and Process Owners is online at:

http://sportal.pppl.gov/bp/Lists/Management_Systems_and_Processes/Systems_and_Processes.aspx

Further, responsibilities and ownership under some management systems have been assigned at a more specific/detailed level. For example, under the ESH and Integrated Safety Management System, there is process group named ES&H Management. Under this process group is a sub-process named “09.01.11 - Safety and Health SMEs, Competent Persons, Points Of Contact.” This sub-process includes the designation of “Subject Matter Expert (SME)”, "Cognizant Point of Contact (POC)", “OSHA Competent Person (CP)”, and “Engineers” who are the PPPL subject matter experts for particular OSHA regulations. These individuals are responsible to stay apprised of their specific regulations, provide expert opinions and direction, and inform other Lab staff of pertinent requirements and changes. The current list of these POC and CP individuals can be obtained online at:

<http://sportal.pppl.gov/bp/Lists/PPPL%20Experts/AllItems.aspx>

There are many resources used by Management System Owners, Process Owners, POCs, and CPs to identify requirements and keep informed of new and changing requirements. Examples of these resources are listed in Attachment 1.

Questions concerning awareness of Federal, State, County, and Municipality laws, Contract Clauses, and Requirements, and standards can be addressed by PPPL Management System Owners, Process Owners, and subject matter experts. Management Systems and their owners are listed in Table 1. A list of Process Owners for the processes under each management system, can be found in Attachment 2; with the most current list online at:

TABLE 1

Management System	System OWNER
01. Strategy and Management - <i>(Align R&D goals, budget, programs, resources and roadmaps with business strategy)</i>	Director, Deputy Director for Research, Deputy Director for Operations
02. Mission Delivery - <i>(Research Excellence, Operational Effectiveness, Papers, Presentations, Inventions, Awards, Inventions, Graduate & Science Education)</i>	Director, Deputy Director for Research, Deputy Director for Operations
03. Engineering - <i>(Systems, Programs, Processes, Conduct of Operations, and Technical Support, Technical Project Management)</i>	Associate Lab Director for Engineering and Infrastructure
04. Customer Service and External Relations - <i>(Business Plan, Outreach, Customer Focus, Satisfaction, Engagement, PEMPS, Outcomes)</i>	Head, Best Practices and Outreach
05. Human Resources Management - <i>(HR Policies, Hiring, Training, Employee Relations, Compensation and Benefits, Performance Evaluation, Health and Well Being)</i>	Head, Human Resources
06. Information Technology (IT) Management - <i>(Systems, Networking, Business Computing, User Support, Operations, Controls, Data Acquisition)</i>	Head, Information Technology
07. Business Operations - <i>(Finance and Accounting, Procurement, Contract Management, Budget and Financial Resources, Legal, Ethics, Business Management)</i>	Head, Business Operations
08. Facilities and Property Management - <i>(Real and Personal Property Management, Utility Management, Material Control, Fire Protection & Life Safety)</i>	Associate Lab Director for Engineering and Infrastructure
09. ESH and Integrated Safety Management - <i>(Construction/ Industrial Safety, Electrical Safety, Laser Safety, RF Microwave & Magnetic Safety, Industrial Hygiene, Occupational Safety, Health, and Medicine, Radiation Safety / Protection / Nuclear Safety, Operations Hazard Criteria and Safety Certification, Environmental Management and Compliance, NEPA, Waste Management)</i>	Head, ES&H TCR-GEN-007,R4-001
10. Safeguards and Security - <i>(Emergency Management, Emergency Preparedness/Planning, Physical Security, Cyber Security)</i>	Head, Best Practices and Outreach TCR-GEN-007,R4-001
11. Communications - <i>(Internal, External, Publishing, External Web, Social Media)</i>	Head, Communications
12. Assurance and Improvement - <i>(Quality Assurance, Quality Improvement, Results Reporting, Requirements Management, Contractor Assurance, Knowledge Management, Document Management, Processes, Improvement, Issues Management, Records Management)</i>	Head, Best Practices and Outreach

Reference Documents

PPPL Policy P-032, Hierarchy of Documents
 PPPL Policy P-078, External Correspondence Concurrence Signatures

Procedure

A. Federal, State, County, and Municipality Law Documents.

Responsibility

Action

Management System Owner	1. Designates Process Owners and subject matter experts for those laws, standards, regulations and DOE Directives under his/her management system.
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NOTE

The management system owners, process owners, and subject matter experts are the Cognizant Individuals and primary individuals to be contacted for awareness questions about requirements. Interpretations of the laws can be requested through the Head of Business Operations or the Director's Office to legal counsel as necessary.

Cognizant Individual	2. a. Becomes familiar with the Federal, State, County, and Local laws; regulations; contract clauses; standards; and DOE Directives that are applicable to PPPL. b. Maintains access to these documents and awareness of changes or revisions that may affect the Laboratory. 3. a. Informs the management system owner, Council, Department Heads, Department personnel, and other affected Laboratory management and personnel of the applicability and impact of new or revised laws; regulations; contract standards; and DOE Directives that are applicable to PPPL.
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NOTE

This includes advising or initiating new or revised Laboratory procedures, documents, and processes to comply with new or revised regulatory requirements.

Management System Owners and their designated Cognizant Individuals

4. Reviews the laws and determines the appropriate method of implementation at PPPL [giving consideration to additional costs, procedures, training, records, etc.] Obtains input from other PPPL Departments, Designated Individuals, committees¹, and legal counsel, as appropriate.
5. Creates or revises Lab-wide and/or Department-specific policy, procedure, and plan documents to incorporate new or revised regulatory or legal requirements. Ensures new or changed documents are reviewed, approved and disseminated, as appropriate.

Examples of these documents include but are not limited to:

- PPPL Policies
- Organization Mission Statements/Charters
- PPPL Procedures
- Personnel Practices Manual
- ES&H/QA Plans
- Engineering Standards and Procedures
- Procurement Manual
- Accounting Manual
- ES&H Directives Manual

6. a. Ensures that necessary actions and procedures are implemented within their Departments to comply with the laws.
- a. Ensures that employee awareness and training to the procedures and requirements are provided, as appropriate. Consult with and coordinates this action with PPPL Training.
7. Assures compliance with PPPL policies, procedures, and plans thereby assuring compliance with Federal, State, and Local laws. Arranging, requesting, or conducting assessments via the Lab's Contractor Assurance System (e.g., audits, inspections, self-assessments and/or independent assessment).

NOTE

To ensure thorough coverage, assessments should include expertise such as the process owners, POCs, CPs, SMEs, oversight/advisory committee members, as appropriate.

¹ Examples of committees that may be asked for input include the Environmental Review Committee (ERC), Safety Review Committee (SRC), ALARA Committee.

B. DOE Directives and Requirements Documents

This section describes how new and revised DOE Directives are imposed on PPPL. DOE Directives become official requirements for PPPL when they are formally incorporated into Appendix I of the Princeton University DOE contract for the operation of PPPL (the list of the DOE Directives applicable to PPPL).

Responsibility

Action

Best Practices

1. Designates the appropriate Department Head as the responsible PPPL official for each DOE Directive and requirements document stipulated in the PPPL prime contract. This is typically the management system owner(s)
2. Receives notification in writing from DOE-Princeton Site Office (PSO) (per contract) when they propose new or revised DOE Directives for inclusion in Appendix I of the PPPL contract. [Notifications are sent to the Director's Office with a copy to Best Practices.]
3. Informs the Responsible Department Head of the proposed DOE Directive and coordinates responses to DOE-PSO within 30 days after receipt of the Directive.

Responsible
Department Head

4.
 - a. Reviews proposed DOE Directives or requirements documents, obtaining comments from other PPPL Departments, legal counsel and pertinent committees, as appropriate.
 - b. Determines whether the document is appropriate for implementing at PPPL and, if implemented, what the impacts will be [additional costs, procedures, training, records, etc.].
5. Prepares a response including whether PPPL accepts the new/revised DOE Directives, any comments, plans for implementing the Directives or an explanation of why the Laboratory will not accept the Directives. Provides the response to Best Practices prior to the 30-day response period specified in step 3.

Best Practices

6. Prepares a written response to DOE-PSO, resolves any issues with the Responsible Department Head.
7. Obtains Director's Office concurrence with the written response and sends the response to the DOE-PSO Manager and Contracting Officer.
8. Maintains convenience copies of pertinent information regarding the DOE Directives, PPPL reviews and responses, and superseded Directives or requirements documents. Record

copies are part of the contract modification records maintained by DOE-PSO.

- 9. Receives notification from DOE-PSO after they have reviewed PPPL's responses to the proposed DOE Directives [per contract, notifications are to be sent to the PPPL Director's Office not later than 30 days prior to incorporating the Directive or requirements document into the Princeton University - DOE contract for the operation of PPPL. A copy of notifications is sent to PPPL Best Practices.]

Best Practices

- 10. Notifies the Responsible Department Head when DOE-PSO transmits the revised Appendix I of the Princeton University - DOE contract.
- 11. Maintains the list of the DOE Directives applicable to PPPL [per appendix I of the Princeton University DOE contract for the operation of PPPL] on the PPPL internal Web site.

The list and copies of the DOE Directives Applicable to PPPL is available electronically on the PPPL internal Web site at URL:
<http://sportal.pppl.gov/bp/pppldocs/DOE%20Orders/Forms/AllItems.aspx>

Responsible
Department Head

- 12. Coordinates and takes the actions necessary to implement applicable DOE Directives. This includes issuing and updating Lab Policies and Procedures, and coordinating with PPPL Training to train personnel, as appropriate.
- 13. Assures implementation of applicable DOE Directives. This could include requesting or conducting assessments via the Lab's Contractor Assurance System (e.g., audits, inspections, self-assessments and/or independent assessment), and ensuring that PPPL actions are completed, even when those actions are inter-departmental.

C. Training

Head of Best Practices
and Quality Assurance

- 1. Notifies Management System Owners and Process Owners of the systems and processes for which they are responsible.

 When the list of processes assigned to them is changed
 Read Only
- 2. Notifies CPs, SMEs and POCs of their assigned responsibilities per the published list
<http://sportal.pppl.gov/bp/Lists/PPPL%20Experts/AllItems.aspx>

Annually
 Read Only

3. Provides a briefing to new Management System Owners on the hierarchy of PPPL management systems and processes and related procedures, policies and contract requirements and deliverables under their responsibility.

X Once Only

X Briefing and/or Read

Attachments

1. Example List – Subscriber Services for Updates of Requirements
2. Example List – PPPL Management Systems, Processes, and Owners

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Requirements documents are available via several different means including subscription services, Google alerts, and email notifications. This list provides examples of services, methods and available to access these documents. Contact the PPPL Management System Owner, Process Owner, or subject matter expert for current information, guidance, and assistance.

- DOE Directives and Standards: The DOE provides access and search capability for all DOE Directives and Standards (Note: this includes many Directives that are not applicable to PPPL). The internet address is: <http://www.directives.doe.gov>
- PPPL Best Practices: provides electronic access to those DOE Directives mandated in the DOE - Princeton University contract as applicable to PPPL. The intranet URL address is: [http://spportal.pppl.gov/bp/pppldocs/DOE Orders/Forms/AllItems.aspx](http://spportal.pppl.gov/bp/pppldocs/DOE%20Orders/Forms/AllItems.aspx)
- New Jersey State Law Library [<http://law.njstatelib.org/>];
- Fdsys [<http://www.gpo.gov/fdsys/search/home.action> - Service of the U.S. Government Printing Office that provides free electronic access to a wealth of information products produced by the Federal government, including Congressional bills, U.S. Code, Federal Register, Code of Federal Regulations, Congressional Record, GAO reports, Supreme Court decisions, and much more. Information provided on this site is the official, published version and the information retrieved can be used without restriction, unless specifically noted.]
- OSHA Regulations websites:
[Standards - 29 CFR PART 1910 – General Industry](#)
[Standards - 29 CFR PART 1926 – Construction Safety](#)
- Code of Federal Regulations (CFRs) including:
 - 10 CFR for DOE Safety regulations
 - 15 CFR for Export Administration Regulations (EAR)
 - 29 CFR for Occupational Safety and Health Administration (OSHA) safety and health regulations
 - 29 CFR PART 1910 - Occupational Safety and Health Standards
 - 29 CFR PART 1926 - Safety and Health Regulations for Construction
 - 40 CFR for environmental regulations
 - 41 CFR for federal property management regulations
 - 49 CFR for transportation regulations
- ACGIH, Inc., Publications
- AIHA - Engineering Field Reference Manual
- American Chemical Society
- ANSI Standards
- ASME Codes and Standards
- Bureau of National Affairs (BNA)
- Business and Legal Reports, Inc. - OSHA Compliance Advisor
- Factory Mutual - Loss Prevention Data
- Federal Register Index

- IEEE
- J. J. Keller - Industrial Safety Report
- Local Municipality and County Offices for building codes, sewer codes, environment codes, water drainage codes, etc.
- NFPA Standards and Codes
- National Fire Protection, Fire Protection Handbook
- National Safety Council, Accidents Facts
- National Safety Council, OSHA
- New Jersey Administrative Code 5
- New Jersey Administrative Code 7
- New Jersey Industrial News
- New Order, Superintendent of Documents, Subscription to EPA Journal (EPAJ)
- OAL Publications
- OSHA Website and Regulations (<http://www.osha.gov>)
- Princeton University Library Subscriptions:, which include **TCR-GEN-007,R4-001**
 - ASM Handbooks Online
 - ASTM Standards and Engineering Library
 - IEEE Publish Standards
 - [IHS Standards Expert with Goldfire](#) [ANSI Nuclear, DOD, NFPA]
 - [MADCAD.com](#) [ICC Codes NFPA NFC Set, ICC/ANSI]
- RSA Publications - Subscription to Radiation Protection management
- SAE Standards
- Thompson Publishing Group
- Technomic Publishing Co., Inc.
- U. S. Department of Commerce, Bureau of Industry & Security E-mail Notification Service
- U. S. Government Printing Office - Job Safety and Health Quarterly
- U. S. Government Printing Office - LSA List of CFR Sections Affected

Example List – PPPL Management Systems, Processes and Owners
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TABLE I

Management System/ Mnemonic/ System ID number/ Management System OWNER	Process ID	Level 2 - Process OWNER	Level 2 = Process	Sub-Process ID	Level 3 Sub- Process OWNER	Level 3 = Sub-Process
Strategy and Management - (Align R&D goals, budget, programs, resources and roadmaps with business strategy)/ MANAGE/ 01/ Prager, DeLooper(Acting), Zarnstorff						
	01.01	DeLooper(Acting), Zarnstorff	Governance			
	01.02	Prager, DeLooper(Acting), Zarnstorff	Leadership			
	01.03	Prager, DeLooper(Acting), Zarnstorff	Strategic Planning			
				01.03.01	Prager	Develop Mission, Vision, Corporate Strategy
				01.03.02	Zarnstorff	Scientific Direction
				01.03.03	DeLooper(Acting), Zarnstorff	Innovation Strategy, Promote Innovation culture & climate
				01.03.04	DeLooper(Acting), Zarnstorff	Roadmapping of Product, market, and technology
	01.04	DeLooper(Acting), Zarnstorff	Strategy Implementation			
	01.05	Prager	Societal Roles			
	01.06	DeLooper(Acting)	Competitiveness			

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	01.07	Zarnstorff	Science and Technology Program Management			
	01.08	DeLooper(Acting), Zarnstorff	Business Development			
				01.08.01	Zarnstorff	Scientific User Facility and Program Outreach
				01.08.02	Prager	LDRD - Lab Directed Research and Development
				01.08.03	DeLooper(Acting)	Work for Others
				01.08.04	DeLooper(Acting)/DeLooper	Tech Transfer
				01.08.05	DeLooper(Acting)	MOUs
	01.09	DeLooper(Acting)	Risk Management			
Mission Delivery - (Research Excellence, Operational Effectiveness, Papers, Presentations, Inventions, Awards, Inventions, Graduate & Science Education)/ MISSION/ 02./ Prager, DeLooper(Acting), Zarnstorff						
	02.01	Zarnstorff	Research Excellence			
	02.02	DeLooper(Acting)	Operational Effectiveness			
				02.02.01	Dudek(Acting)	Scientific User Facilities: Facility Metrics
				02.02.02	Dudek(Acting)	Scientific User Facilities Facility Operations and Maintenance
	02.03	Zarnstorff	Program and Concept development			

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	02.04	Zarnstorff	Project and Program execution and delivery			
				02.04.01	Zarnstorff	Scientific User Facilities: Providing User Services
	02.05	Zarnstorff	Proposal development			
	02.06	Prager, DeLooper(Acting), Zarnstorff	Market and Attain Funding			
	02.07	DeLooper(Acting), Zarnstorff	Science and Technology Capability			
				02.07.01	Dudek(Acting)	Scientific User Facilities: Developing and Modifying New Scientific Facilities
	02.08	Zarnstorff	Experimental Physical Sciences			
	02.09	Dudek(Acting)	Work Planning & Control			
	02.10	Zarnstorff	Collaboration Performance & Delivery			
	02.11	DeLooper	Graduate & Science Education			
	02.12	Zarnstorff	Scientific Program Reviews			
	02.13	Zarnstorff	Papers and Publications			
	02.14	Zarnstorff	Presentations			
	02.15	Zarnstorff	Inventions and Patents			
				2.15.01	DeLooper	Inventions Disclosure
	02.16	Zarnstorff	Laboratory Notebooks Management Review			
	02.17	DeLooper(Acting), Zarnstorff	Awards			

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Engineering - (Systems, Programs, Processes, Conduct of Operations, and Technical Support, Technical Project Management)/ ENG/03./ Dudek(Acting)						
	03.01	Dudek(Acting)	Experimental Operations			
	03.02	Dudek(Acting)	Conduct of Engineering			
	03.03	Dudek(Acting)	Systems Engineering			
				03.03.01	von Halle/ Lacenere	AC Power Distribution
				03.03.02	von Halle/ Sichta	Computer Instrumentation & Data Acquisition Equipment
				03.03.03	von Halle/ Henderson	Computer Servers & Network Equipment
				03.03.04	Dudek(Acting)/ Hirsch	Computer Cyber Security Equipment
				03.03.05	Dudek(Acting)/ Towner	Computer Desktop Equipment
				03.03.06	Viola/ Perry	Construction Equipment
				03.03.07	Dudek/ Raftopoulos	Cryogenic Systems
				03.03.08	von Halle/ Roquemoire	Diagnostic Systems
				03.03.09	von Halle/ Lacenere	Diesel Generators
				03.03.10	von Halle/ J. E. Lawson	Electronic Control Systems
				03.03.11	von Halle/ Raitses	Hall Thruster

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				03.03.12	Viola	Hoisting/Rigging Equipment
				03.03.13	von Halle/ Majeski	LTX
				03.03.14	von Halle/ Blanchard	Machine Operations
				03.03.15	von Halle/ Awad	Motor Generators
				03.03.16	von Halle/ Yamada	MRX
				03.03.17	Dudek(Acting)/ Strykowski	NCSX
				03.03.18	von Halle/ Stevenson	Neutral Beams
				03.03.19	Dudek(Acting)/ von Halle	NSTX
				03.03.20	von Halle/ Lacener	Power Conversion Systems
				03.03.21	von Halle/ Fredd	RF Power/Transmission/Control Systems
				03.03.22	von Halle/ Camp	Safety Interlocks/Controls
				03.03.23	Perry/ Lacener(Acting)	Shop Equipment
				03.03.24	von Halle/ Gentile	Tritium Systems/Monitors
				03.03.25	Dudek/ Blanchard	Vacuum Systems
				03.03.26	Dudek/ Kalish	Water/Component Cooling/Flourinert Systems
				03.03.27	Dudek/ Perry	Welding Equipment
	03.04	Dudek(Acting)	Engineering Programs and Processes			

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				03.04.01	Dudek	Welding Program
				03.04.02	Viola/Perry	Program for Material Handling Equipment and Mobile Equipment (including Hoisting & Rigging Program)
				03.04.03	Stevenson	Engineering and Design Processes
				03.04.04	Stevenson	Calibration of Measuring and Test Equipment (M&TE)
				03.04.05	Dudek	Materials and Equipment Fabrication and Preparation
				03.04.06	Dudek	Materials and Engineering Services
				03.04.07	Loesser/ Raftopoulos	Drafting and Drawing Control
				03.04.08	Dudek(Acting)	Standards Management
				03.04.09	von Halle/ Lacener	Approval of Electrical Equipment/Installations
				03.04.10	Dudek	Hydrostatic and Pneumatic Systems and Testing
	03.05	Dudek(Acting)	Technical Support			
				03.05.01	Dudek(Acting)	Engineering Sciences Technology and Capability Management
	03.06	Dudek(Acting)	Technical Project Management			
				03.06.01	Dudek(Acting)	Development, Training, Qualification and Appointment of Project and Program Directors and Managers
				03.06.02	Dudek(Acting)/ Stevenson	Project Reviews, Assessments, Oversight, Performance and Status Reporting
				03.06.03	Dudek(Acting)	Establish Functions, Responsibilities and Authorities
				03.06.04	Dudek(Acting)	Differing Professional Opinions

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				03.06.05	Dudek(Acting)/ Stevenson	Project Controls and Baseline Management
				03.06.06	Dudek(Acting)/ Stevenson	Work Planning & Execution
				03.06.07	Dudek(Acting)/ Stevenson	Design and Peer Review/ Verification
				03.06.08	Dudek(Acting)/ Stevenson	Integration Management
				03.06.09	Dudek(Acting)/ Stevenson	Project Plan Development and Execution
				03.06.10	Dudek(Acting)/ Raftopoulos	Integrated Change Control
				03.06.11	Dudek(Acting)	Initiation, Business case development
				03.06.12	Dudek(Acting)/ Stevenson	Scope Management, Planning, Definition, Verification, and Scope Change Control
				03.06.13	Dudek(Acting)	Time Management
				03.06.14	Dudek(Acting)/ Stevenson	Activity Definition, Sequencing, and Duration Estimating
				03.06.15	Dudek(Acting)/ Stevenson	Schedule Development, Monitoring, and Control
				03.06.16	Dudek(Acting)/ Stevenson	Resource Planning
				03.06.17	Dudek(Acting)/ Stevenson	Cost Management, Estimating, Budgeting, and Control
				03.06.18	Dudek(Acting)/ Stevenson	Quality Planning, Management, Assurance, and Control
				03.06.19	Dudek(Acting)	Human Resource Management
				03.06.20	Dudek(Acting)	Organizational Planning
				03.06.21	Dudek(Acting)	Staff Acquisition and Development
				03.06.22	Dudek(Acting)	Team Development
				03.06.23	Dudek(Acting)	Communications Planning and Management

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				03.06.24	Dudek(Acting)	Information Distribution
				03.06.25	Dudek(Acting)	Administrative Closure
				03.06.26	Dudek(Acting)/ Stevenson	Risk Identification, Management and Planning
				03.06.27	Dudek(Acting)/ Stevenson	Qualitative and Quantitative Risk Analysis, and Risk Response Planning
				03.06.28	Dudek(Acting)/ Stevenson	Risk Monitoring and Control
				03.06.29	Dudek(Acting)/ Stevenson	Procurement Planning, Management, Solicitation, and Selection
				03.06.30	Dudek(Acting)/ Stevenson	Contract Administration and Contract Closeout
	03.07	Dudek(Acting)	Conduct of Operations (experimental operations)			
				03.07.01	von Halle	Communications
				03.07.02	von Halle	Control Area Activities
				03.07.03	von Halle	Control of Equipment and System Status
				03.07.04	von Halle	Control of On-Shift Training
				03.07.05	von Halle	Equipment and Piping Labeling
				03.07.06	von Halle	Independent Verification
				03.07.07	von Halle	Investigation of Abnormal Events
				03.07.08	von Halle	Lockouts and Tagouts
				03.07.09	von Halle	Logkeeping
				03.07.10	von Halle	Notifications
				03.07.11	von Halle	Operations Aspects of Facility Chemistry
				03.07.12	von Halle	Operations Organization and Admin.
				03.07.13	von Halle	Operations Procedures

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				03.07.14	von Halle	Operations Turnover
				03.07.15	von Halle	Operator Aid Postings
				03.07.16	von Halle	Required Reading
				03.07.17	von Halle	Shift Routines and Operating Practices
				03.07.18	von Halle	Timely Orders to Operators
Customer Service and External Relations - (Business Plan, Outreach, Customer Focus, Satisfaction, Engagement, PEMPS, Outcomes)/ CUST/ 04./ DeLooper						
	04.01	DeLooper	Manage Customer Service			
	04.02	DeLooper	Manage External Relationships (customer relationship management)			
	04.03	DeLooper	Business Plan			
	04.04	DeLooper	Outreach			
	04.05	DeLooper	Customer Focus - Voice of Customer			
	04.06	DeLooper	Satisfaction			
	04.07	DeLooper	Engagement			
	04.08	DeLooper	PEMPS			
	04.09	DeLooper	Outcomes			

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Human Resources Management - (HR Policies, Hiring, Training, Employee Relations, Compensation and Benefits, Performance Evaluation, Health and Well Being)/ HR/05./Gangemi						
	05.01	Gangemi	HR planning, policies and strategies			
				05.01.01	DeLooper(Acting), Zarnstorff	Workforce Planning
				05.01.02	DeLooper(Acting), Zarnstorff	Succession Planning
				05.01.03	Gangemi	Develop and Maintain Personnel Practices and Policies
	05.02	Gangemi	Hiring - Recruit, source, and select			
				05.02.01	Gangemi	Requisitioning
				05.02.02	Moten	Job Sourcing & Candidate Scheduling
				05.02.03	Moten	Job Posting (PeopleAdmin)
				05.02.04		<i>RESERVED</i>
				05.02.05	Moten	Reference Checking
				05.02.06	Moten	Background Screening
				05.02.07	Moten	Staff Search Summary Form
				05.02.08	Moten	Post-Offer Pre-Employment Screening
				05.02.09	Moten	E-Verify

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				05.02.10	Moten	Job Offer
				05.02.11	Moten	On-boarding Guidelines
				05.02.12	Moten	Temporary Services
	05.03	Gangemi	Training			
				05.03.01	Gonzalez	Training Program Administration
				05.03.02	Gonzalez	Training Course Development
				05.03.03	Gonzalez	Training Qualifications Program
				05.03.04	Gonzalez	Instructor Qualifications Program
				05.03.05	Hill	Training Records Management
	05.04	Gangemi/ Moten	Diversity Plan Initiatives			
	05.05	Gangemi	Employee Performance Management			
	05.06		<i>RESERVED</i>			
	05.07	Gangemi	Compensation and Benefits			
				05.07.01	Wernock	Compensation Administration
				05.07.02	Wernock	Merit & Promotion Program
				05.07.03	Prager, DeLooper(Acting), Zarnstorff	Employee Awards Program
				05.07.04	Leggett	Pension and Benefits Administration
				05.07.05	Gangemi	Leave Administration
				05.07.06	Wernock	Job Evaluations
				05.07.07		Housing
	05.08	Gangemi	Staff Reductions			
	05.09	Gangemi	Employee Relations and Concerns			

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				05.09.01	Gangemi& Main Campus	Labor Relations
				05.09.02	Gangemi	Workforce Discipline Policy Administration
				05.09.03	Gangemi	Grievance Process
				05.09.04	Gangemi	Terminations
	05.10	Gangemi	Employee Health and Well Being			
				05.10.01	Main Campus	Employee Assistance Program
				05.10.02	Gangemi	Workplace Substance Abuse
				05.10.03	OMO Medical Director	Occupational Health and Medicine
				05.10.04	OMO Medical Director	Medical Surveillance
				05.10.05	OMO Medical Director	Bloodborne Pathogens
				05.10.06	OMO Medical Director	Biological Etiologic Agents
				05.10.07		Recreation and Morale
Information Technology (IT) Management - (Systems, Networking, Business Computing, User Support, Operations, Controls, Data Acquisition)/ IT/ 06./ Zelick						
	06.01	Zelick	Information Technology Program Management			
	06.02	Zelick	Cyber Security			

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				06.02.01	Hirsch	Cyber Security Test & Evaluation (ST&E)
				06.02.02	Hirsch	Cyber Security Incident Response
	06.03	Zelick	Incident Response – Information Systems			
	06.04	Zelick	Disaster Recovery Plan and Testing			
	06.05	Zelick	Computer Systems Management			
	06.06	Zelick	User Support			
	06.07	Zelick	Network Engineering, Operations, and Administration			
	06.08	Zelick	Systems Engineering and Administration			
	06.09	Zelick	Business Computing			
	06.10	Zelick	Controls and Data Acquisition			
	06.11	Zelick	Technical Standards Management			
	06.12	Zelick	Operations (Computer Center)			
	06.13	Zelick	Media Services			
	06.14	Zelick	Application Management			
	06.15	Zelick	Equipment Refresh			
	06.16	Zelick	Data/Information Capture and Storage			
	06.17	Zelick	Data/Information Mining and Delivery			
	06.18	Zelick	Capacity Management			
	06.19	Zelick	Change Management			

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Business Operations - (Finance and Accounting, Procurement, Contract Management, Budget and Financial Resources, Legal, Ethics, Business Management)/ BUS/07./ Fischer						
	07.01	Fischer	Functions of CFO			
				07.02.01	Fischer	Financial operating plan
	07.02	Fischer	Finance and Accounting			
				07.02.01	Fischer/ Bleach	Payroll Liaison/Payroll Processing
				07.02.02	Fischer/ Bleach	Accounts Receivable (including Wage Garnishments)
				07.02.03	Fischer/ Bleach	Accounts Payable
				07.02.04	Fischer/ Bleach	Travel Charge Card Program Coordinator
				07.02.05	Fischer/ Bleach	Travel Management
				07.02.06	Fischer/ Bleach	Travel Policy Review
				07.02.07	Fischer/ Bleach	Conference Management
				07.02.08	Fischer/ Bleach	Foreign Travel
				07.02.09	Fischer/ Bleach	Cost Transfers to Correct or Adjust Prior Cost Entries
				07.02.10	Fischer/ Bleach	Cost Recovery Charge-backs
				07.02.11	Fischer/ Bleach	Cost Accounting Disclosure Statement
				07.02.12	Fischer/ Bleach	"STARS" System Input and Output
				07.02.13	Fischer/ Bleach	Financial Statement of accounts
				07.02.14	Fischer/ Bleach	A-123 Compliance

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				07.02.15	Fischer/ Bleach	Accounting of Incurred Costs
				07.02.16	Fischer/ Bleach	Contract Clause compliance
				07.02.17	Fischer/ Bleach	Management Representation Letter
				07.02.18	Fischer/ Bleach	Cost Distribution and Labor
				07.02.19	Fischer/ Bleach	Non-productive time tracking
				07.02.20	Fischer/ Bleach	Generation of labor rates
				07.02.21	Fischer/ Bleach	Payroll reconciliation
				07.02.22	Fischer/ Bleach	Check writing with PU
				07.02.23	Fischer/ Bleach	University Reporting
				07.02.24	Fischer/ Bleach	Accruals
				07.02.25	Fischer/ Bleach	General Accounting (GL)
				07.02.26	Fischer/ Bleach	Petty Cash
				07.02.27	Fischer/ Bleach	Fixed Assets
				07.02.28	Fischer/ Bleach	Travel
				07.02.29	Fischer/ Bleach	Project Accounts Setup
	07.03	Fischer	Procurement and Contract Management			
				07.03.01	Fischer/ Myers	Princeton Technical Representative
				07.03.02	Fischer/ Myers	Acquisition Career Development Program
				07.03.03	Fischer/ Myers	Buyer Signature Authority
				07.03.04	Fischer/ Myers	Subcontract Administrators/Buyers
				07.03.05		RESERVED
				07.03.06	Fischer/ Myers	Small Business Program Administration
				07.03.07	Fischer/ Myers	Procurement e-Commerce

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				07.03.08	Fischer/ Myers	PO/Supplier Database Management
				07.03.09	Fischer/ Myers	Contract Negotiations
				07.03.10	Fischer/ Myers	Performance Management/Assessment
				07.03.11	Fischer/ Myers	Procurement & Contract Mgmt
				07.03.12	Fischer/ Myers	Purchase orders
				07.03.13	Fischer/ Myers	Subcontracts
				07.03.14	Fischer/ Myers	Blanket Purchase Agreement Administration
				07.03.15	Fischer/ Myers	Purchase Card System Administration
				07.03.16	Fischer/ Myers	Supply Chain Management
				07.03.17	Fischer/ Myers	Davis Bacon (Procurement)
	07.04	Fischer	Budget and Financial Resources Management			
				07.04.01	Fischer/ Iseicz	Functions requiring Allotment Authority
				07.04.02	Fischer/ Iseicz	Work Authorization Approvals
				07.04.03	Fischer/ Iseicz	Funds Control and Distribution
				07.04.04	Fischer/ Iseicz	Budget Planning / Development and Execution
				07.04.05	Fischer/ Iseicz	Financial Management
				07.04.06	Fischer/ Iseicz	Cost Allocation Compliance
				07.04.07	Fischer/ Iseicz	ARRA Program Review
				07.04.08	Fischer/ Iseicz	Financial Statements Reviews
				07.04.09	Fischer	Internal Audit
				07.04.10	Fischer/ Iseicz	Functional/support cost peer review

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				07.04.11	Fischer/ Iseicz	WFO/ CRADAs/ Tech Transfer Agreements
	07.05	Fischer	Legal and Ethics			
				07.05.01	Fischer	Reviews of Confidential Disclosure Reports
				07.05.02	PU-OGC/ Fischer	Federal Tort Claim Determination Authority
				07.05.03	PU-OGC/ Fischer	Oversight of Contractor Outside Legal Servies
				07.05.04	Fischer	Ethics
				07.05.05	Fischer	Contingent Liability Reporting
				07.05.06	Fischer	Allowability of Reallocation of Expenses
				07.05.07	PU-OGC/ Fischer	Loss or Damage to Personal Property Claims
				07.05.08	PU-OGC/ Fischer	Environmental Legal
				07.05.09	PU-OGC/ Fischer	Intellectual Property Management & Protection
				07.05.10		Federal Managers' Financial Integrity Act Compliance and Statement (FMFIA)
	07.06	Fischer	Cost Compliance			
				07.06.01	Fischer	Subcontract Incurred Cost Reviews

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<p>Facilities and Property Management - (Real and Personal Property Management, Utility Management, Material Control, Fire Protection & Life Safety)/ FACIL/08./ Dudek(Acting)</p>						
	08.01	Dudek(Acting)	Personal Property Management			
	08.02	Dudek(Acting)	Physical Personal Property Inventories			
	08.03	Dudek(Acting)	Property Protection Program			
	08.04	Dudek(Acting)	Real Property/ Capital Asset Management			
	08.05	Dudek(Acting)	Property Management Inspections			
	08.06	Dudek(Acting)	Facility Manager Walkthrough inspections			
	08.07	Dudek(Acting)	Loss or Damage to Personal Property Claims			
	08.08	Dudek(Acting)	Utilities Maintenance			
	08.09	Dudek(Acting)	Mission Readiness and Conduct of Maintenance			
	08.10	Dudek(Acting)	Site Planning			
	08.11	Dudek(Acting)	Facilities Management and Maintenance			

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				08.11.01	Dudek(Acting)/ Lacener(Acting)	Maintenance and Work Orders System
				08.11.02	Dudek(Acting)/ Lacener(Acting)	Custodial Services
				08.11.03	Dudek(Acting)/ Lacener(Acting)	Cafeteria Facilities and Food Service Operations
				08.11.04	Dudek(Acting)/ Lacener(Acting)	Excavation / Trenching / Digging
	08.12	Dudek(Acting)	Facilities Information Management System (FIMS) Validation			
	08.13	Dudek(Acting)	General Plant Projects (GPP)			
	08.14	Dudek(Acting)	Vehicle Fleet Management			
	08.15	Dudek(Acting)	Material Management			
				08.15.01	Dudek(Acting)/ Lacener(Acting)	Material Handling
				08.15.02	Dudek(Acting)/ Lacener(Acting)	Shipping and Mail
				08.15.03	Dudek(Acting)/ Lacener(Acting)	Storage
	08.16	Dudek(Acting)	Wireless, Telephone, and Communications Systems Management			
	08.17	Dudek(Acting)	Fire Protection & Life Safety			

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				08.17.01	Dudek(Acting)/ Lacenere(Acting)	Lightning Protection
				08.17.02	DeLooper/White	Fire Department / Emergency Response
				08.17.03	Dudek(Acting)/ Lacenere(Acting)	Fire Suppression/ Detection Systems
				08.17.04	Dudek(Acting)/ Lacenere(Acting)	Hazards Identification and Control
				08.17.05	Dudek(Acting)/ Lacenere(Acting)	Inspection, Testing and Maintenance
				08.17.06	Dudek(Acting)/ Lacenere(Acting)	Life Safety/Facility Egress
				08.17.07	Dudek(Acting)/ Lacenere(Acting)	Safety Basis & Fire Hazards Analysis
				08.17.08	Dudek(Acting)/ Lacenere(Acting)	Installation of Standpipe & Hose - NFPA 14
				08.17.09	Dudek(Acting)/ Lacenere(Acting)	Fire Protection Rad Materials - NFPA 901
				08.17.10	Dudek(Acting)/ Lacenere(Acting)	Oxygen - Fuels Gas Systems - NFPA 51 Std
				08.17.11	Dudek(Acting)/ Lacenere(Acting)	NFPA 704 Signage
	08.18	Dudek(Acting)	Facility Systems			

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				08.18.01	Dudek(Acting)/ Lacenere(Acting)	Building Automation System (BAS)
				08.18.02	Dudek(Acting)/ Lacenere(Acting)	Compressed Air
				08.18.03	Dudek(Acting)/ Lacenere(Acting)	Elevators
				08.18.04	Dudek(Acting)/ Lacenere(Acting)	Fire Protection/Canal Water Systems
				08.18.05	Dudek(Acting)/ Lacenere(Acting)	HVAC/LEC Systems
				08.18.06	Dudek(Acting)/ Lacenere(Acting)	Potable Water
				08.18.07	Dudek(Acting)/ Lacenere(Acting)	Sanitary Sewer
				08.18.08	DeLooper/White	Security Cameras
				08.18.09	Dudek(Acting)/ Lacenere(Acting)	Security Card Readers
				08.18.10	Dudek(Acting)/ Lacenere(Acting)	Sewer System
				08.18.11	Dudek(Acting)/ Lacenere(Acting)	Steam
				08.18.12	Dudek(Acting)/ Lacenere(Acting)	Sump Pumps

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				08.18.13	Dudek(Acting)/ Lacener(Acting)	Telephone
ESH and Integrated Safety Management - (Construction/ Industrial Safety, Electrical Safety, Laser Safety, RF Microwave & Magnetic Safety, Industrial Hygiene, Occupational Safety, Health, and Medicine, Radiation Safety / Protection / Nuclear Safety, Operations Hazard Criteria and Safety Certification, Environmental Management and Compliance, NEPA, Waste Management)/ ESH/09./ Levine						
	09.01	Levine	Environment, Safety and Health Management			
				09.01.01	Levine	Integrated Safety Management System (ISMS)
				09.01.02	Levine	Worker Safety and Health Program per 10 CFR 851
				09.01.03	Levine	Safety Basis Management
				09.01.04	Levine	Construction and Operations Authorizations
				09.01.05	Levine	Nuclear Facility Hazard Categorization
				09.01.06	Levine	ES&H Reporting
				09.01.07	Levine	Accident Investigations
				09.01.08	Levine	Experimental Hazard Categorization

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				09.01.09	Levine	Operational Readiness Reviews
				09.01.10	Levine	Authorization Basis Reviews
				09.01.11	Levine	Safety and Health SMEs, Competent Persons, Points Of Contact
				09.01.12	Levine/ Slavin	Job Hazard Analysis (JHA)
	09.02	Levine	ES&H - Construction Safety / Industrial Safety			
				09.02.01	Levine/ Slavin	Vacuum Safety
				09.02.02	Levine/ Slavin	X-Ray Safety
				09.02.03	Levine/ Slavin	Scaffolding Safety
				09.02.04	Levine/ Slavin	Hazardous Materials
				09.02.05	Levine/ Slavin	Machine Guarding and Machine Safety
				09.02.06	Levine/ Slavin	Notification of injuries & Fatalities
				09.02.07	Levine/ Slavin	Powered Industrial Vehicles (Forklifts)
				09.02.08	Levine/ Slavin	Human Subjects Research (Not Applicable at PPPL)
				09.02.09	Levine/ Slavin	Transportation Safety
				09.02.10	Levine/ Slavin	Excavation / Trenching / Digging - Safety
				09.02.11	Levine/ Slavin	Hand and Power Tools
				09.02.12	Levine/ Slavin	Heavy Equipment
				09.02.13	Levine/ Slavin	Housekeeping / Storage
				09.02.14	Levine/ Slavin	Lighting
				09.02.15	Levine/ Slavin	Powered Industrial Equipment
				09.02.16	Levine	Recordkeeping
				09.02.17	Levine/ Slavin	Stairways

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				09.02.18	Levine/ Slavin	Walking / Working Surfaces
				09.02.19	Levine/ Slavin	Cryogenics Safety
				09.02.20	Levine/ Slavin	Fall Protection
				09.02.21	Levine/ Slavin	Ladder Safety
				09.02.22	Viola	Material Handling & Rigging
				09.02.23	Levine/ Slavin	Pressure Systems, vessels, compressed gas
				09.02.24	Levine/ Slavin	Personal Protective Equipment / PPE
				09.02.25	Levine/ Slavin	Subcontractor Safety
				09.02.26	Levine/ Slavin	Motor Vehicle Safety
	09.03	Levine	ES&H - Electrical Safety			
				09.03.01	Levine/ Slavin	Lock-out/Tag-out Program, NFPA 70E
	09.04	Levine	ES&H - Laser Safety			
				09.04.01	Levine/ Slavin	Laser Safe Operating Procedures
				09.04.02	Levine/ Slavin	Control Measures for the Four Laser Classes
				09.04.03	Levine/ Slavin	Laser - Danger and Caution Signs
	09.05	Levine	ES&H - Non-Ionizing Radiation			
				09.05.01	Levine/ Slavin	RF
				09.05.02	Levine/ Slavin	Microwave
				09.05.03	Levine/ Slavin	Magnetic Safety
	09.06	Levine	ES&H - Industrial Hygiene			
				09.06.01	Levine/ Slavin	Chemical Safety
				09.06.02	Levine/ Slavin	Hazard Communications
				09.06.03	Levine/ Slavin	Confined Spaces

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				09.06.04	Levine/ Slavin	Respiration Protection
				09.06.05	Levine/ Slavin	Lead Safety
				09.06.06	Levine/ Slavin	Facility Managers & Area Coordinators
				09.06.07		RESERVED
				09.06.08	Levine/ Slavin	Eyewash/Eyewash Station
				09.06.09	Levine/ Slavin	HAZWOPER
				09.06.10	Levine/ Slavin	Laboratory Standard
				09.06.11		RESERVED
				09.06.12	Levine/ Slavin	Noise/Hearing Conservation
				09.06.13	Levine/ Slavin	Non-ionizing Radiation
				09.06.14	Levine/ Slavin	Thermal Stresses
				09.06.15	Levine/ Slavin	Toxic and Hazardous Substances
				09.06.16	Levine/ Slavin	Ventilation/Local Exhaust
				09.06.17	Levine/ Slavin	Personnel Monitoring
				09.06.18	Levine/ Slavin	Asbestos
				09.06.19	Levine/ Slavin	Beryllium
				09.06.20	Levine/ Slavin	Biological
				09.06.21	Levine/ Slavin	Explosives
				09.06.22		RESERVED
				09.06.23	Levine/ Slavin	Welding, brazing, cutting
				09.06.24	Levine/ Slavin	Nanoscale Materials Safety
	09.07	Levine	ES&H - Occupational Safety, Health, and Medicine			

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				09.07.01	Levine	Occupational Health and Medicine
				09.07.02	Levine	Medical Surveillance
				09.07.03	Levine	Bloodborne Pathogens
				09.07.04	Levine	Biological Etiologic Agents
				09.07.05	Levine	Signage
				09.07.06	Levine	Ergonomics
				09.07.07	Levine	Cell Phones -- Safe Use
	09.08	Levine	ES&H - Radiation Safety / Protection / Nuclear Safety			
				09.08.01	Levine/ Ascione	Health Physics
				09.08.02	Levine/ Ascione	MC&A - Nuclear/ Rad Material Control and Accountability
				09.08.03	Levine/ Ascione	ALARA
				09.08.04	Levine/ Ascione	Radiation Safety for Workers
				09.08.05	Levine/ Ascione	Records & Reports
				09.08.06	Levine/ Ascione	Exposure Control
				09.08.07	Levine/ Ascione	Respiratory Protection / Escape Packs
				09.08.08	Levine/ Ascione	Dosimetry
				09.08.09	Levine/ Ascione	Radiological Controls
				09.08.10	Levine/ Ascione	Radiation Safety for Public and Environment
				09.08.11	Levine/ Ascione	Sealed Sources
				09.08.12	Levine/ Ascione	Nuclear Safety
				09.08.13	Levine/ Ascione	Nuclear Facilities Safety Design
				09.08.14	Levine/ Ascione	Price Anderson Amendments Act

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				09.08.15	Levine/ Ascione	Technical Safety Requirements/LOC (Not Applicable at PPPL)
				09.08.16	Levine/ Ascione	Unreviewed Safety Questions (Not Applicable at PPPL)
				09.08.17	Levine/ Ascione	Contamination Control
				09.08.18	Levine/ Ascione	Rad Postings
				09.08.19	Levine/ Ascione	Radiation Monitoring
				09.08.20	Levine/ Ascione	Rad Work Permits
				09.08.21	Levine/ Ascione	Rad Materials Procurement
	09.09	Levine	ES&H - Operations Hazard Criteria and Safety Certification			
				09.09.01	Levine	Operations Hazard Criteria (Low, Moderate, High)
				09.09.02	Levine	Safety Certification System
	09.10	Levine	ES&H - Environmental Management and Compliance			
				09.10.01	Levine/ Sheneman	Air Monitoring, Air Quality, and Air Effluent Management
				09.10.02	Levine/ Sheneman	Water Quality and Water Effluent Management
				09.10.03	Levine/ Sheneman	Water Usage Management
				09.10.04	Levine/ Sheneman	Environmental Monitoring
				09.10.05	Levine	NEPA
				09.10.06	Levine/ Sheneman	NFPA 232 Protection of Records
				09.10.07	Levine/ Sheneman	Toxic Substances Management

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				09.10.08	Levine/ Sheneman	Energy Usage Management
				09.10.09	Levine/ Sheneman	Green Buildings & Sustainable Design
				09.10.10	Levine/ Sheneman	Pollution Prevention
				09.10.11	Levine/ Sheneman	Affirmative Procurement
				09.10.12	Levine/ Sheneman	Green House Gas
				09.10.13		<i>RESERVED</i>
	09.11	Levine	ES&H - Waste Management			
				09.11.01	Levine/ Sheneman	Hazardous Waste Management
				09.11.02	Levine/ Sheneman	Hazmat Chemical Emergency Response
				09.11.03	Levine/ Sheneman	Radioactive Waste management
				09.11.04	Levine/ Sheneman	Onsite Packaging and Transportation
				09.11.05	Levine/ Sheneman	Waste Segregation
				09.11.06	Levine/ Sheneman	Waste Storage Infrastructure
				09.11.07	Levine/ Sheneman	D&D (Not Applicable at PPPL)
				09.11.08	Levine/ Sheneman	Remediation and Environmental Restoration
				09.11.09	Levine/ Sheneman	Mixed Waste
				09.11.10	Levine/ Sheneman	RCRA Waste

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				09.11.11	Levine/ Sheneman	Solid Waste Management
				09.11.12	Levine/ Sheneman	Waste Management Contingency Plan
				09.11.13	Levine/ Sheneman	Waste Contractor Performance
Safeguards and Security - (Emergency Management, Emergency Preparedness/Planning, Physical Security, Cyber Security)/ SEC/ 10./ DeLooper						
	10.01	DeLooper	Emergency Planning			
				10.01.01	DeLooper/ White	Hazards Survey/ Hazards Assessment
				10.01.02	DeLooper/ White	On-duty Facility Managers Program
				10.01.03	DeLooper/ White	Emergency Facilities and Equipment
				10.01.04	DeLooper/ White	Emergency Medical Support
				10.01.05	DeLooper/ White	Pendemic/Epidemic Planning
				10.01.06	DeLooper/ White	Offsite Response Interfaces / MOUs
				10.01.07	DeLooper/ White	Readiness Assurance
				10.01.08	DeLooper/ White	Training, Drills, Excercises
				10.01.09	Levine/ Slavin	Community Right-to-Know Act (EPCRA) Communications
	10.02	DeLooper	Emergency Management			

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				10.02.01	DeLooper/ White	Emergency/Accident Response
				10.02.02	DeLooper/ White	Event Categorization and Classification
				10.02.03	DeLooper/ White	Communication and Notification
				10.02.04	DeLooper/ White	Continuity of Operations
				10.02.05	DeLooper/ White	Termination and Recovery
				10.02.06	DeLooper/ White	Consequence Assessment
				10.02.07	DeLooper/ White	Protective Actions and Reentry
				10.02.08	DeLooper/ White	Sever Weather Management
	10.03	DeLooper	Security			
				10.03.01	DeLooper/ White	Physical Security
				10.03.02	DeLooper/ White	Protective Force Program
				10.03.03	DeLooper/ White	Personal Security
				10.03.04	Levine/ Ascione	Nuclear Material Accountability
				10.03.05	DeLooper/ White	Safeguards and Security Inspection
				10.03.06	DeLooper/ White	Information Security
				10.03.07	DeLooper/ White	Coordination of Visits and Assignments
				10.03.08	DeLooper/ White	Foreign Visits & Assignments Security / Clearance Processing
				10.03.09	DeLooper/ White	Cyber Security

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				10.03.10	DeLooper/ White	Protected Transmission Systems
				10.03.11	DeLooper/ White	Safety System interfaces
				10.03.12	DeLooper/ White	Counterintelligence
				10.03.13	DeLooper/ White	Surveillance Countermeasures
				10.03.14	DeLooper/ White	Safeguards & Security Awareness Program
Communications - (Internal, External, Publishing, External Web, Social Media)/ COM/ 11./ Cane (Acting)						
	11.01	Cane (Acting)	Freedom of Information Act Administration			
	11.02	Cane (Acting)	Privacy Act Administration			
	11.03	Fischer/Myers	Printing and Publishing			
	11.04	Cane (Acting)	Graphics Services			
	11.05	Cane (Acting)	Technical Information Officer			
	11.06	Cane (Acting)	Forms Management			
	11.07	Cane (Acting)	Public Affairs			
				11.07.01	Cane (Acting)	Emergency Public Affairs Plans
	11.08	Cane (Acting)	Tours			
	11.09	Cane (Acting)	Intergovernmental Relations			
	11.10	Cane (Acting)	Stakeholder and Media support			

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	11.11	Cane (Acting)	Communications			
				11.11.01	Cane (Acting)	Updating P-102 Communications with the Department of Energy and Other Customers
				11.11.02	Cane (Acting)	Issuing News Releases
				11.11.03	Cane (Acting)	Publishing PPPL Weekly
				11.11.04	Zarnstorff	Publishing PPPL Weekly Highlights
				11.11.05	Gangemi	Issuing an Announcement via the PPPL EVES, Public Address System
				11.11.06	Cane (Acting)	PPPL Web Stories
				11.11.07	Cane (Acting)	PPPL Stories
				11.11.08	Cane (Acting)	PPPL Publications
				11.11.09	Cane (Acting)	Publishing Fact Sheets
	11.12	Cane (Acting)	Community Initiatives			
Assurance and Improvement - (Quality Assurance, Quality Improvement, Results Reporting, Requirements Management, Contractor Assurance, Knowledge Management, Document Management, Processes, Improvement, Issues Management, Records Management)/ ASSURE/ 12./ DeLooper						
	12.01	DeLooper	Knowledge Management			
	12.02	DeLooper	Process Management			

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	12.03	DeLooper	Change Management			
	12.04	DeLooper	Contractor Assurance System			
	12.05	DeLooper	Document Management and Control			
	12.06	DeLooper	Lab Performance Evaluation System			
	12.07	DeLooper	Lessons Learned/ Operating Experience			
				12.07.01	Levine/ Slavin	Administration of Lessons Learned database and sharing
	12.08	DeLooper	Event Reporting			
	12.09	DeLooper	Self-Assessment Program			
	12.10	DeLooper	Issues Management Assessments			
	12.11	DeLooper	Corrective Action Management			
	12.12	DeLooper	Directives Management			
	12.13	DeLooper	Issues and Corrective Action and Commitment Management			
				12.13.01	Graham	Issues Tracking
	12.14	DeLooper	Performance Measures			
	12.15	DeLooper	Process Assessments and Improvement			
	12.16	DeLooper	Lab Management Systems			
	12.17	DeLooper	Lean			
	12.18	DeLooper	Requirements Management			
	12.19	DeLooper	Strategic Performance Improvement			

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	12.20	DeLooper	Performance Evaluation & Measurement Review (PEMPs)			
	12.21	DeLooper	University Assurance Involvement			
	12.22	DeLooper	Assessments			
	12.23	DeLooper	Internal Independent Assessments			
	12.24	DeLooper	External Independent Assessment			
	12.25	DeLooper	Management and Self-Assessments			
	12.26	DeLooper	Worker Feedback Assessments			
	12.27	DeLooper	Best Practices and Benchmarking			
	12.28	DeLooper	Records Management			
	12.29	DeLooper	Continuous Improvement			
	12.30	DeLooper	Quality Control Inspections & Acceptance Testing			
	12.31	DeLooper	QA Assurance of quality management systems:			
				12.31.01	DeLooper/ Graham	Training & Qualification
				12.31.02	DeLooper/ Graham	Quality Improvement
				12.31.03	DeLooper/ Graham	Documents & Records
				12.31.04	DeLooper/ Graham	Work Processes
				12.31.05	DeLooper/ Graham	Design

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				12.31.06	DeLooper/ Graham	Procurement
				12.31.07	DeLooper/ Graham	Quality Control Inspection & Acceptance Testing
				12.31.08	DeLooper/ Graham	Management Assessment
				12.31.09	DeLooper/ Graham	Independent Assessment
				12.31.10	DeLooper/ Graham	Software QA
				12.31.11	DeLooper/ Graham	Suspect/ Counterfeit Items
				12.31.12	DeLooper/ Graham	Trend Analysis
				12.31.13	DeLooper/ Graham	Corrective and Preventive Actions
				12.31.14	DeLooper/ Graham	Control of Nonconformances