RAS K-251

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G.3.4.12 Program Cyber Security Plan Baseline Requirements (PCSP)

The MOX Project is required to implement the National Nuclear Security Administration (NNSA) Cyber Security Program. The information below provides an overview of the requirements and process.

The implementation of the NNSA PCSP is documented in a CSPP. A CSPP must be prepared for each NNSA Element, unless the Element is covered under another CSPP. The CSPP is the document that outlines the policies, procedures, and practices of an Element's CSPP. The CSPP is a management level document that details the Element's policies, procedures, and practices for ensuring effective cyber security. It also explains the site, or application-specific environment, missions, and threats. The policies, procedures, practices, environments, missions, and threats that are applicable to systems and major applications at the Enterprise level are documented in the NNSA Element's CSPPs.

The NNSA PCSP requires all NNSA Elements to implement and maintain NNSA-approved minimum security configurations. The minimum security configurations for unclassified and classified information systems, as determined by the system categorization process, are listed in NAP 14.2-C, *NNSA Certification and Accreditation (C&A) Process*, Chapter III. Each NNSA Element must implement NNSA-specified or NNSA-approved monitoring capabilities to ensure that protection features defined in the approved minimum security configurations are maintained in the system. If the minimum security configuration cannot be implemented, this must be stated in the Risk Assessment for the system. The monitoring capability must provide continuous review and reporting of the status of the minimum security configuration specified for each information system. The monitoring capability must provide the ability to continuously detect and manage changes in software used in the information system components. If an information system cannot implement the NNSA-approved minimum information system security configuration due to operational or mission requirements, a new minimum security configuration must be developed and approved by NNSA CSPM. Details of the program are identified in NAP-14-1-C, 2-C and 3-B.

This program assures that the MMIS and its components to include all critical digital control systems (Safety/Non-Safety) and devices are provided with appropriate security strategies and controls that provides; means of detection, responding to, and recovering from potential cyber attacks, means of mitigating adverse effects, access control, physical protection and vulnerability evaluations.

G.3.4.13 Physical Security Requirements

The MOX Project has integrated the physical security program into the MC&A program. The exterior wall of the MFFF is defined as the MAA boundary and meets Vault criteria. CAA's were established to compartmentalize areas with direct access

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