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NATIONAL GUARD BUREAU

3501 FETCHET AVENUE
JOINT BASE ANDREWS MD 20762-5157

31 Mar 2024

MEMORANDUM FOR SEE DISTRIBUTION FROM:

FR O M: NGB/A4

SUBJECT: Air National Guard Engineering Technical Letter (ANGETL) 24-01-02, SCIF & AT Guidance

1. PURPOSE: To provide guidance in implementing the Sensitive Compartmented Information Facility (SCIF) and antiterrorism (AT) design policy.

2. APPLICABILITY: Mandatory requirements are defined in specific paragraphs and in referenced publications.

2.1. Effective date: Immediately.

2.2. Intended Users: Base Civil Engineers (BCE) and architect-engineering consultants (A-E).

2.3. This ANGETL shall be applicable for all new designs, designs for which NGB/A4I formal approval of the Type A-2 Concept Development Submittal has not yet been issued and for all code and criteria review.

3. REFERENCES: Refer to Attachment 1 for a list of referenced publications.

4. SENSITIVE COMPARTMENTED INFORMATION FACILITY (SCIF)

4.1. General: The design of a SCIF must comply with UFC 4-010-05, *Sensitive Compartmented Information Facilities Planning, Design, and Construction* and latest versions of ICD 705-1 and ICD 705-2

4.2. Design Process Requirements

4.2.1. For a SCIF to be designed as part of a project, it must be approved by NGB/A4F.

4.2.1.1. The project DD1391 is prohibited from including the term SCIF but must include the term Secure Area. Preliminary planning and risk assessments are completed in this phase

4.2.1.2. For each SCIF construction project, a Construction Security Plan (CSP) shall be

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developed to address the application of security to the SCIF planning, design and construction efforts.

- 4.2.1.3.** Under no circumstances shall plans, diagrams, etc. that are identified for a SCIF be sent or posted on unprotected information technology systems or internet venue without encryption.
- 4.2.2.** The A-E shall coordinate with the BCE and Site Security Manager (SSM) for specific project security requirements. Typical for all secure area design preliminary plans include the completion of the fixed facility checklist, construction security plan (CSP) and Certified TEMPEST Technical Authority (CTTA) review. The CSP must be approved by the Accrediting Official (AO) prior to start of Type-B Services.
- 4.2.3.** For all design submissions, the A-E shall submit design documents in accordance with ANGETL 10-03, Air National Guard Design Objectives and Procedures (Tab C). The BCE shall submit the design documents to the SSM for review by NGB/A2. The Accrediting Official shall review and approve the design concept, CSP and final design for each construction project prior to the start of construction. Changes required by A/O review will be incorporated regardless of design phase. Do not proceed with type B services without AO comments. Do not finalize B3 design documents without AO review comments

4.3. SCIF DESIGN

- 4.3.1.** The A-E shall locate mechanical rooms at the building perimeter with direct access from outside the building and outside of the SCIF boundary, if feasible.
- 4.3.2.** Redundancy requirements shall be coordinated with National Guard Bureau (NGB) mission owner through the BCE.
- 4.3.3.** Provide stand-alone, dedicated heating, ventilation, air conditioning (HVAC) equipment in SCIF Server rooms. Also consider satisfying the cooling load with underfloor supply air plenum from down flow, floor-set Computer Room Air Conditioning (CRAC) unit(s).
- 4.3.4.** HVAC systems shall have network connectivity from the server room CRAC units to the Facility Energy Management system and to the base Energy Management and Control System (EMCS). This connectivity will provide a means for system critical alarms, messages, and warnings to be transmitted.
- 4.3.5.** Server rooms in mission essential spaces shall be evaluated for smoke control systems. Designs requiring smoke control systems shall follow Tri-Service Fire Protection Engineering Working Group (TSFPEWG) G 3-600-01.01-18.
- 4.3.6.** SCIF spaces shall comply with NFPA 101 requirements for life safety.

(Recommended lock resource:

http://www.navfac.navy.mil/navfac_worldwide/specialty_centers/exwc/products_and_services/capital_improvements/dod_lock.html)

- 4.3.7.** New STC rated doors, frames, and hardware for ICD/ICS 705 construction shall be purchased as a rated assembly.
- 4.3.8.** The A-E shall include SCIF requirements in the Division 1 specifications and shall include the following requirements in accordance with ICD/ICS 705, Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities.
- 4.3.8.1.** Construction security plan (CSP).
- 4.3.8.2.** Access-control functions for the construction site at all vehicle and pedestrian entrances to the site as otherwise noted in the CSP – Show details and locations on site plan
- 4.3.8.3.** Screening during construction of all non-cleared workers, vehicles and equipment entering or exiting the site – Show location on site plan
- 4.3.8.4.** Specifically delineate prohibited materials, (explosives, weapons, electronic devices) or other items as specified by the AO or designee in the CSP)
- 4.3.8.5.** Identify random inspections of site areas will be conducted to ensure no prohibited materials have been brought on to the site.
- 4.3.8.6.** Construction Workers: (identify construction company and vetting process for construction workers. Include any citizenship and clearance requirements.)
- 4.3.8.7.** Site Security: (identify plans to secure construction site, to include any proposed fences, guards, escorts, etc.)
- 4.3.8.8.** An access restricted Secure Storage Area (SSA) shall be established and maintained for the secure storage of all SCIF construction materials and equipment – show location on site plan
- 4.3.8.9.** Construction phasing plans for existing facilities.

5. ANTITERRORISM (AT)

5.1. General

- 5.1.1.** All facilities shall be designed in accordance with UFC 4-010-01, DoD Minimum Antiterrorism Standards for Buildings.
- 5.1.2.** NGB/A4A shall provide the Plant Replacement Value (PRV) to the BCE.
- 5.1.3.** The A-E shall coordinate all AT requirements through the BCE and the base Antiterrorism Officer (ATO).

5.2. AT Design Requirements

5.2.1. Design Analysis

- 5.2.1.1.** The A-E shall complete and submit the AT checklist in Attachment 2 for each design submission.
- 5.2.1.2.** The A-E shall provide a detailed narrative describing the AT compliance standards as described in UFC 4-010-01, DoD Minimum Antiterrorism Standards for Buildings. See Attachment 3 for an example of the AT narrative.
- 5.2.1.3.** If the project requires a blast analysis and charge weights are described in the analysis, the document shall be submitted under a separate cover and handled in accordance with the document classification.
- 5.2.1.4.** The building occupancy level shall be based on the maximum of either the Unit Training Assembly (UTA) or the weekday occupancy. The A-E shall provide the occupancy numbers for the UTA and weekday population as part of the narrative.

5.2.2. Design Drawings

- 5.2.2.1.** The A-E shall submit an AT site plan that is independent of the civil site plan and design drawings.
- 5.2.2.2.** The AT site plan shall clearly show all elements that contribute to AT, including but not limited to the following:
 - 5.2.2.2.1.** All elements within the unobstructed space.
 - 5.2.2.2.2.** Control measures (e.g. gates, bollards, signage, and striping).
 - 5.2.2.2.3.** Standoff distance(s) and distance to controlled perimeter.

6. ENTRY CONTROL FACILITIES (ECF)

- 6.1.** All ECFs shall be designed in accordance with ANGH 32-1084.
- 6.2.** The A-E shall work with the BCE and base ATO to determine the specific ECF requirements during the A- I design phase.
- 6.3.** The A-E shall submit an analysis of the response times for entry control systems such as final denial barriers. Calculations and supporting documentation must be submitted as part of the analysis. The design of the barrier systems shall comply with the

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requirements in UFC 4-022-02, Selection and Application of Vehicle Barriers.

6.3.1. AE will include, unless waived by NGB a Find 9 - 9 Second Tool Analysis.

Hosted at <https://intelshare.intelink.gov/sites/ngba4/SitePages/Find%209.aspx>

7. POINT OF CONTACT: The point of contact for this ANGETL is CETB Civil Engineer, NGB/A4IC at (701) 857-4398, DSN 344-4398, or email NNGB CETB Workflow

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Signed by: USAF