May 2, 2008

MEMORANDUM TO: Douglas G. Huyck, Chief
Reactor Security Licensing and Programs Branch
Division of Security Policy
Office of Nuclear Security and Incident Response

FROM: Mark E. Resner, Senior Security Specialist /RA/
Reactor Security Licensing and Programs Branch
Division of Security Policy
Office of Nuclear Security and Incident Response

SUBJECT: SUMMARY OF APRIL 23, 2008, PUBLIC MEETING OF THE NEW PLANT SECURITY TASK FORCE

On April 23, 2008, the Office of Nuclear Security and Incident Response (NSIR), with support from the Office of the General Counsel (OGC) and Office of New Reactors (NRO), held a category 2 public meeting on the New Plant Security Task Force attended by 23 representatives of industry, including the Nuclear Energy Institute (NEI), and members of the public (Enclosure 1). It covered an overview of new plant licensing presented by NRO (Enclosure 2) followed by a discussion of implementation for inspection test analyses acceptance criteria (ITAAC) related to new reactors (Enclosures 3 and 4) that was led by NSIR. NSIR also provided comments to a NEI proposal on a generic implementation schedule for new reactor security milestones. Overall, discussions at the meeting were positive and resulted in a better understanding of security measures for reactors under construction. Although alignment with industry on all issues covered during the meeting was not achieved, all agreed that a follow-on working group comprised of industry and NSIR representatives would result in alignment of ITAAC guidance. The proposed date for the working group meeting is May 6, 2008.

Enclosures:
1. List of Attendees
2. Overview of New Plant Licensing
3. ITAAC Examples from Standard Review Plan
4. Table Showing Regulatory Requirements for ITAAC

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DISTRIBUTION:
DSP r/f
M. Resner
P. Prescott
P. Lee

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OFFICE:	NSIR/DSP/RSLP	
NAME:	M. Resner	
DATE:	05/ 02 /08	

OFFICIAL RECORD COPY

April 23, 2008, Public Meeting of the New Plant Security Task Force

Attendance List

NRC

Doug Huyck
Al Tardiff
Mark Resner
Peter Lee
Peter Prescott
Bill Reckley
Bonnie Schnetzler
James Vaughn
Wesley Held
Sara Brock
Jason Zorn
Brad Baxter
Vince Williams

Industry & Public

Russ Bell
Jim Fisicaro
Pedro Salas
George Zinke
Masur Khan
Randy Ford
William Renz
Albert Barginere
Robert Reabile
Jerry Simms
John Odon

Industry & Public

Andy Pfister
J. Alan Beard
F.J. Puleo
Nelson Martin
Constantine Petropoulas
Ron Markovich
Wayne Laudenbach
Dean Ralegh
Laura Dollar
David Godshalk
Paul Gankler
Ed Lyman
Rocky Foster

(ITAAC Number referred to is the number as stated in SRP 14.3.12) **A. Tardiff/NSIR 4/22/08**

EXAMPLES - DRAFT 3-pages

ITAAC No. 6

6.1 <u>For a design certification (DC) applicant:</u>

The DCD describes the hardening of: the reactor control room to be bullet resistant as required as stated in 10 CFR 73.55(c)(6), the structure that isolates the individual responsible for the last access control function (controlling admission to the protected area) as required as stated in 10 CFR 73.55(d)(1), and the central alarm station as required as stated in 10 CFR 73.55 (e)(1). The hardening is further described as having a minimum bullet resistance as UL 752 Level IV or equivalent.

The DCD could provide more details on the hardening design to include: wall/ceiling/floor design, door system design, louvers or vent design, and any other penetration's hardening design. If an actual bullet resistance performance specification is described it is treated as sensitive unclassified information.

6.2 <u>For a combined license (COL) applicant referencing a certified design</u>:

a. To meet requirements such that the COL may be granted:

The FSAR and security plans and/or primary or secondary references depict the design of the hardening of the reactor control room. The actual hardening level specified is sensitive unclassified information.

Hardening design details could be as delineated as in the second paragraph in 6.1 above.

b. To meet requirements such that the license condition may be satisfied:

Before fuel is allowed on site, a report exists and verifies that on site the on-site as-built hardening of the reactor control room "envelope" meets the hardening level performance specification as described in the COL application. Hardening levels may be verified by documented "type tests" or other manufacturer's or licensee means that are in alignment with industrial or government testing standards.

ITAAC No. 8

8.1 <u>For a design certification (DC) applicant:</u>

The DCD describes the design to meet the requirements as stated in 10 CFR 73.55 (d) as out of scope of their design certification, or describes the location and design of the protected area access control points to include: location and design of vehicle access control points, location and design of the personnel portals, personnel portal interior layout, personnel portal search equipment type and location of search equipment in personnel portals at the protected area.

The minimum, to be included in the DC, if within the scope of the design, would be the location of these access control points.

8.2 <u>For a combined license (COL) applicant referencing a certified design</u>:

a. To meet requirements such that the COL may be granted:

The FSAR and security plans and/or primary or secondary references refer to their certified design for the access control points and the remainder of the design is included.

b. To meet requirements such that the license condition may be satisfied:

Before fuel is allowed on site, a report exists and verifies that on site the on-site as-built vehicle and personnel access control points for the protected area are as described in the COL application. Search function performance characteristics as described for operability and performance tests for explosives, firearms and incendiary devices should meet or exceed those described in RG 5.7. The access control points function as intended.

ITAAC No. 9

9.1 <u>For a design certification (DC) applicant:</u>

The DCD describes the location of the picture based identification system or states that the picture badge identification system, as required as stated in 10 CFR 75.55(d)(5), is out of scope of their design certification.

The DCD could provide more details on the picture badge identification system to include access control provisions for the badging center, layout of the badging center, and type of biometric (e.g., hand-geometry) (if used) as part of the badging provision.

9.2 <u>For a combined license (COL) applicant referencing a certified design</u>:

a. To meet requirements such that the COL may be granted:

The FSAR and security plans and/or primary or secondary references depict the design of the picture badge identification system. Design features of this system that may be described are included in the paragraph above for a DC applicant.

b. To meet requirements such that the license condition may be satisfied:

Before fuel is allowed on site, a report exists and verifies that the on-site as-built picture badge identification system is as depicted in the COL application and only allows those authorized access into the protected area.