

FAQ Number 06-0019

FAQ Revision 2

FAQ Title Definition of "Power Block" and "Plant"

Plant: Harris Nuclear Plan (HNP)

Date: 08-30-07

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**Purpose of FAQ:**

Provide specific clarification within NEI 04-02 as to the definition of "power block" and "plant" used in NFPA 805, such that the terms are applied to Structures, Systems and Components associated with Nuclear Safety Performance Criteria.

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**Is this Interpretation of guidance?**   Yes / No

**Proposed new guidance not in NEI 04-02?** Yes / No

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**Details:**

**NEI 04-02 guidance needing interpretation (include section, paragraph, and line numbers as applicable):**

NEI 04-02, Section 4.3.1, Fundamental Fire Protection Program and Design Elements Transition Review, Table B-1 uses NFPA 805 chapter 3 as part of the transition review. Specific clarification is requested for certain terms and phrases found in NFPA 805.

**Circumstances requiring guidance interpretation or new guidance:**

Clarification of NFPA-805, Standard for Fire Protection for Light Water Reactor Electric Generating Plants (2001 Edition), Chapter 3, Section 3.3.1.2 Control of Combustibles. "(1) Wood used within the power block shall be listed pressure-impregnated or coated with a listed fire-retardant application."

Specifically, the definition of "Power Block" and "Plant" and how these will be applied when reviewing Chapter 3 transition.

**Detail contentious points if licensee and NRC have not reached consensus on the facts and circumstances:**

NA

**Potentially relevant existing FAQ numbers:**

FAQ #06-0007

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**Response Section:**

**Proposed resolution of FAQ and the basis for the proposal:**

This FAQ asks to define, where used in NFPA 805, Chapter 3, "power block" and "plant" are intended to mean or are equivalent to, "areas in which a fire could jeopardize the ability to meet the performance criteria described in section 1.5.1".

This is based on RIN 3150-AG48 (Statement of Considerations see SECY-04-0050 dated March 29, 2004 approved by SRM-04-0050 dated May 11, 2004), which states in part, "under NFPA 805, the 10CFR50.48(a)(2)(iii) requirement to limit fire damage to SSCs important to safety so that the capability to safely shut down the plant is ensured is satisfied by meeting the performance criteria in Section 1.5 of NFPA 805", the Chapter 3 applicability is limited to only these SSCs. Therefore for regulatory purposes, the "power block" and "plant" is synonymous with areas in which a fire could jeopardize the ability to meet the performance criteria described in section 1.5.

**If appropriate, provide proposed rewording of guidance for inclusion in the next Revision:**

As follows;

Clarification of NFPA 805 specific sections as applied under NEI 04-02, to be included in (New) Appendix K, to NEI 04-02 upon approval of specific clarification (final formatting to be provided by NEI).

Specific clarification to NFPA Chapter 3, from FAQ 06-0019,  
Where used in Chapter 3, "power block" and "plant" refer to buildings that have equipment required for nuclear plant operations, in which a fire could jeopardize the ability of structures, systems and components required to meet the performance criteria described in NFPA 805, Section 1.5. As a minimum, containment / reactor building, auxiliary building, control building, rad waste building, fuel building, and turbine building should be considered for applicability in the scope of NFPA 805.