

FAQ Number 06-0019 FAQ Revision 4

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

Plant: Harris Nuclear Plan (HNP) Date: 09-28-07

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805 TF FPWG FPRATF

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.

Is this Interpretation of guidance? Yes / No

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

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:

Interpretive guidance is needed to clarify the meaning and application of the term "power block" as found in, 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, Section 3.5 Water Supply, Section 3.6 Standpipes and Hose Stations and Section 3.11.1 Building Separation.

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

Response Section:

Proposed resolution of FAQ and the basis for the proposal:

This FAQ provides interpretive guidance to clarify the term "Power Block" where used in NFPA 805, Chapter 3. NFPA 805, Section 1.6.46 defines Power Block as "Structures that have equipment required for nuclear plant operations." Although not endorsed by Regulatory Guide 1.205, NFPA 805, Section A.1.6.46 further describes the term Power Block as, "Containment, auxiliary building, service building, control building, fuel building, rad waste, water treatment, turbine building and intake structure are examples of power block structures."

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).

Power Block or Plant

Where used in Chapter 3, "power block" and "plant" refers to structures that have equipment required for nuclear plant operations, such as Containment, auxiliary building, service building, control building, fuel building, rad waste, water treatment, turbine building, and intake structure, or structures that are identified in the facility's current license basis (CLB). Applicable structures will be identified in the 10CFR50.48(c) License Amendment Request.