

| FAQ #   | Revision  |         | Name   | Summary  | Actions and Notes  | Priority | Submitter            |                  | Reviewer | Status  |                         |                         | Approval           |                    |
|---------|-----------|---------|--|--|--|----------|----------------------|------------------|----------|---|-------------------------|-------------------------|--------------------|--------------------|
|         | Submitted | Working |  |  |  |          | Plant                | Licensee Contact | NRC      | NEI TF  | NRC                     | Submittal Date          | Tentative          | Final              |
| 06-0001 | 0         | 0       | Alternate method for Engineering Evaluations   | Add in clarification that fire affected train manual actions are 'allowed' and therefore do not require evaluation.  | NRC rejected the statements regarding SER approval without Exemptions<br><br>Tentatively approved.<br><br>Superceded by FAQ 06-0012.   | Closed   | Harris Nuclear Plant | Ertman           |          | Submitted to NRC                                      | Closed                  | 4/25/2006               | Closed ML063480169 | Closed ML063480169 |
| 06-0002 | 1c        | 1c      | NEI 04-02 Section 5.3.3 and App. I, Order of Questions for Change Analysis Screening | Change Figure 5-1, text, and Appendix I to ask the Chapter 4 questions before Chapter 3 questions.   | NRC agreed in principle, however wanted wording clarified to "make clear the distinction between Chapter 3 requirements that are subject to Chapter 4 evaluations versus the Chapter 3 requirement that are independent of Chapter 4" added clarification to 'boxes' at end of Questions 1 and 2 in Change Analysis Form<br><br>NRC added 'included required recovery actions to text of 5.3.3 and added 'including Human actions' to Question 4.e of Change Analysis Form<br><br>Task Force agrees to first request. Task force is evaluating the addition of NRC rejected the statements regarding SER approval without Exemptions<br><br>Committed to revise based on RIS 2006-10 and NRC Public Meeting June 9, 2006. See RIS 2006-12 'human actions' to the risk screening questions. - tentatively approved - will resubmit 10/26/06 | Closed   | Harris Nuclear Plant | Ertman           | Gallucci | Submitted to NRC                                      | Closed                  | 4/25/2006<br>10/26/2006 | 10/26/2006         | Closed             |
| 06-0003 | 1b        | 1b      | Change Analysis Screening  | Change 'greater than minimal' to 'potentially greater than minimal'  |  | Closed   | Harris Nuclear Plant | Jeff Ertman      | Gallucci | Submitted to NRC                                      | Closed                  | 4/25/2006<br>10/26/2006 | 10/26/2006         | Closed             |
| 06-0004 | 0         | 1       | Clarify NFPA 805 Chapter 4 and 3 relationship for 'required' FP systems/features     | How fire protection systems and features transition is highly dependent on how they are 'required' to meet the nuclear safety criteria of Chapter 4.   | Note NRC was using NEI 04-02 Revision 2H figures and not figures in FAQ 06-0004<br><br>NRC to re-review in appropriate context & provide status on 10/26/06<br><br>Received NRC comments 11/29/06. Resubmitted to NRC and returned with comments. Currently under TF review.   | M        | HNP                  | Jeff Ertman      | Frumkin  | TF to resubmit July 2007 in conjunction w/ B.3 tables | Comments provided on R0 | 5/12/2006               |                    |                    |
| 06-0005 | 1         | 1       | Guidance on FPP-related changes  | NEI 04-02 does not provide guidance what should be considered a FPP-related change or not. Since failure to obtain NRC pre-approval for using risk reductions from a non-FPP related change would be contrary to the guidance in RG 1.205, additional guidance should be provided to clarify what is considered a FPP-related change once NFPA-805 is implemented. | FAQ has been revised.<br><br>Resubmit to NRC 11/30/06 - waiting for NRC response as of April 07  | H        | HNP                  | Ertman           | Frumkin  | TF waiting for NRC comments                           | Plan to comment         | 8/24/2006<br>11/30/2006 |                    |                    |

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| <b>06-0006</b> | <b>2</b>  | <b>2</b>  | High-low pressure interface definition and NEI 00-01/NFPA 805 discrepancies   | Definition of High-Low Pressure interface is not consistent between NFPA 805 and NEI 00-01. Need to provide clarification.   | Received NRC comments on R1, R2 Resubmit 12/19/06 - Definition change per NRC request. Closure process has begun. Draft closure letter was commented on by TF. NRC accepted TF clarification.   | M  | Duke | Barrett    | Dinh      |                                    | Draft closure letter issued | 8/24/2006<br>12/19/2006                         | 1/18/2007 |  |
| <b>06-0007</b> | <b>2</b>  | <b>2</b>  | NFPA 805 Chapter 3 Requirements for Fire Brigades                             | Need clarification on when NFPA 600 or NFPA 1500 apply. Also clarify if requirements apply to interior structural fire fighting brigade.   | FAQ to be revised to mark up NEI 04-02 to show the addition of an appendix for NFPA 805 clarifications. NRC R2 comments by May 07   | M  | HNP  | Holder     | Lain      | R2 submitted to NRC                | Comments provided on R1     | 2/15/2007<br>5/21/2007                          |           |  |
| <b>06-0008</b> | <b>5</b>  | <b>5</b>  | Alternate method for Engineering Evaluations                                  | Many Generic Letter 86-10 evaluations exist at facilities today. Transition of these existing evaluations is essential for the success of the Pilot Plants. In addition the use of engineering evaluations for Chapter 3 issues post transition needs to be clarified. | Presented 9/28/06<br><br>Comments received from NRC on 11/29/06. Clarification call scheduled. Resubmit to NRC by 02/07 R4a comments received and will incorporate NRC recommendations. R5 by early May.                                      | H1 | NEI  | Ratchford  | Frumkin   | R6 planned                         | Comments provided on R5     | 2/15/2007<br>3/20/2007<br>3/30/2007<br>5/8/2007 |           |  |
| <b>06-0009</b> |           |           | NEI 04-02 Typo Corrections  | Editorial changes to NEI 04-02   | Projected submittal 2Q/07   | L  | NEI  | Kleinsorg  |           |                                    |                             |   |           |  |
| <b>06-0010</b> |           |           | Incorporate Regulatory Guide 1.205 Baseline concept into NEI 04-02            | Based on changes to Regulatory Guide 1.205, NEI 04-02 needs to reflect the baseline risk   | Projected submittal 3Q 2007   | L  | HNP  | Ertman     |           |                                    |                             |   |           |  |
| <b>06-0011</b> | <b>1b</b> | <b>1b</b> | Clarify III.G.3 Compliance Transition   | Alternative Shutdown is not specifically addressed in NFPA 805.  | Approved by Task Force Reviewers. Submitted to NRC 9/28/06. Under NRC review.<br><br>Comments received from NRC on 11/29/06. Need time for TF review. Rewrite w/consideration for NRC comment #2 - Resubmit Feb. '07. Possible closure by May | H  | NEI  | Jutras     | Frumkin   | TF waiting for NRC comments on R1b | Comments provided on R0     | 2/15/2007                                       |           |  |
| <b>06-0012</b> | <b>3</b>  | <b>3</b>  | Clarify Manual Action Transition in Appendix B                                | Some manual actions are either allowed by the current regulation or have been  | Submitted to NRC 9/28/06. Resubmit 10/26/06 as combined with FAQ 06-0001<br><br>Comments received from NRC on 11/30/06. With TF for review. Revision by May '07. NRC comments on R2b warrant R3. Will have by May 07                          | H  | NEI  | Kleinsorg  | Barbadaro | R3 submitted to NRC                | Comments provided on R2b    | 9/28/2006<br>10/26/2006<br>3/22/07<br>5/17/07   |           |  |
| <b>06-0013</b> |           |           | Clarify Chapter 4 Methodology Transition Process Bases on Pilot Plant Results |  | Will be presented at 2006 HNP Pilot meeting. Duke to submit end of Second Quarter 2007  | L  | HNP  | Ertman     |           |                                    |                             |   |           |  |
| <b>06-0014</b> |           | <b>0</b>  | Cumulative Risk   | Regulatory Guide 1.205 requires tracking of changes to assess cumulative risk. NEI 04-02 does not provide guidance on this issue   | With FPRA TF for comment - 12/14/06 FAQ by 4Q 2007  | L  | HNP  | Miskiewicz |           | FPRA TF has action                 |                             |   |           |  |

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| 06-0015 |   | 0 | Guidance on not-red determination                                      | Process for determining if non-compliances found during the transition process are 'not red' needs to be simplified.  | Sent to Task Force for review 11/30/06<br>With FPRA TF for review- 12/14/06<br>Ken Heffner to provide regulatory input to this FAQ by 12/14/06<br>Amir Afzali to provide PRA screening criteria for 'not red' determination by 12/14/06<br>Provide FAQ by 2nd week in June 2007   | L | NEI | Afzali     |          | FPRA TF has action  |                         |                          |  |  |
| 06-0016 | 1 | 1 | Ignition Source counting guidance for Electrical Cabinets              | Clarification/enhancement of Ignition Source counting guidance for Electrical Cabinets in NUREG/CR-6850, supporting NFPA-805 Fire PRA application.  | Presented at November 2006 pilot meeting<br>Submitted to Task Force 11/30/06.<br>Comments from Task Force to initiator by 12/14/06 Submitted to NRC 12/19/06<br>Preliminary verbal comments provided by NRC. Potential disagreement on the examples provided in the FAQ were discussed by Ray Gallucci of the NRC. Kiang Zee provided feedback that the examples were intended to be taken collectively and were intended to be drawn to scale. | H | HNP | Miskiewicz | Gallucci | Submitted R1 to NRC   | R1 accepted. Closed     | 12/19/2006               |  |  |
| 06-0017 | 1 | 1 | Ignition Source counting guidance for High Energy Arcing Faults (HEAF) | Clarification/enhancement of Ignition Source counting guidance for High Energy Arcing Faults (HEAF) in NUREG/CR-6850, supporting NFPA-805 Fire PRA application.   | Presented at November 2006 pilot meeting<br>Submitted to Task Force 11/30/06.<br>Comments from Task Force to initiator by 12/14/06 Submitted to NRC 12/19/06<br>Preliminary verbal comments provided by NRC. Preliminary comments indicated a recommending splitting of HEAFs into a low voltage and high voltage bins. In addition, a new frequency is being considered for bus ducts.   | H | HNP | Miskiewicz | Gallucci | FAQ split into two items and resubmitted as R1 - R2 planned | Comments provided on R1 | 12/19/2006<br>05/15/2007 |  |  |
| 06-0018 | 1 | 1 | Ignition Source counting guidance for Main Control Board (MCB)         | Clarification/enhancement of Ignition Source counting guidance for Main Control Board (MCB) in NUREG/CR-6850, supporting NFPA-805 Fire PRA application  | Presented at November 2006 pilot meeting<br>Submitted to Task Force 11/30/06.<br>Comments from Task Force to initiator by 12/14/06 Submitted to NRC 12/19/06<br>Preliminary verbal comments provided by NRC. Preliminary comments indicated more focus on counting just "horseshoe" cabinets as MCBs.   | H | HNP | Miskiewicz | Gallucci | Submitted R1 to NRC   | R1 accepted. Closed     | 12/19/2006               |  |  |
| 06-0019 | 1 | 1 | Define "power block" and "plant"                                       | Define where used in Chapter 3, "power block" and "plant" are intended to mean "areas in which a fire could jeopardize the ability to meet the performance criteria described in section 1.5."<br><br>3.3.1.2 Control of Combustible Materials<br>(1)Wood used within the power block shall be listed pressure-impregnated or coated with a listed fire-retardant application.<br>Exception: Cribbing timbers 6 in. by 6 in. (15.2 cm by 15.2 cm) or larger shall not be required to be fire-retardant treated. | Presented to Task Force 11/30/06<br>Comments from Task Force to initiator by 12/14/06 Submitted to NRC 12/19/06<br>Comments to be provided by NRC prior to Feb. 2007 meeting. TF will submit new revision by May 2007   | H | HNP | Holder     | Dinh     | R1 submitted to NRC   | Comments provided on R0 | 12/19/2006<br>5/8/2007   |  |  |

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| 06-0020 | 1  | 1  | Definition of "applicable"  | (6) Controls on use and storage of flammable gases shall be in accordance with applicable NFPA standards.  | Presented to Task Force 11/30/06<br>CLOSED 5/17/07  | H  | HNP | Holder  | Dinh      | R1 submitted to NRC             | Comments provided on R0 | 12/19/2006<br>5/8/2007 |  |  |
| 06-0021 | 1a | 1a | Clarify that air drops are acceptable.  | 3.3.5.2 - Only metal tray and metal conduits shall be used for electrical raceways. Thin wall metallic tubing shall not be used for power, instrumentation, or control cables. Flexible metallic conduits shall only be used in short lengths to connect components.<br><br>HNP as well as other plants have exposed cable drops ~ 3' in length.                         | Presented to Task Force 11/30/06<br>CLOSED 5/17/07  | LL | HNP | Holder  | Dinh      | R1 submitted to NRC             | Comments provided on R0 | 12/19/2006<br>5/8/2007 |  |  |
| 06-0022 | 0  | 0a | Identify a list of typical flame propagation tests which are considered acceptable.       | 3.3.5.3 - Electric cable construction shall comply with a flame propagation test as acceptable to the AHJ.   | Presented to Task Force 11/30/06<br>Comments from Task Force to initiator by 12/14/06 Submitted to NRC 12/19/06 Preliminary verbal comments provided by NRC. Additional info on applicability of test requested by NRC. | M  | ANO | Puckett | Moulton   | TF waiting for NRC comments     | Plan to comment         | 12/19/2006             |  |  |
| 06-0023 | 0  | 0  | Grant exception for Diesel Generator Day Tanks located within Diesel Generator Buildings. | 3.3.8 Bulk Storage of Flammable and Combustible Liquids - Bulk storage of flammable and combustible liquids shall not be permitted inside structures containing systems, equipment, or components important to nuclear safety. As a minimum, storage and use shall comply with NFPA 30, Flammable and Combustible Liquids Code.  | Presented to Task Force 11/30/06<br><br>Submitted to NRC 12/19/06<br>NRC questioned if issue warranted a FAQ since it is part of plant systems<br>WITHDRAWN 5/17/07   | LL | HNP | Holder  | Lain      | WITHDRAW N 5/17/07              | Proposed withdraw       | 12/19/2006             |  |  |
| 06-0024 | 0  | 0  | Define what "adequate clearance" is.  | 3.3.11 Electrical Equipment - Adequate clearance, free of combustible material, shall be maintained around energized electrical equipment.<br><br>Need to provide a clearer definition of 'adequate clearance'. Could be based on OSHA 3ft requirement.  | Presented to Task Force 11/30/06<br><br>Submitted to NRC 12/19/06<br>Preliminary verbal comments provided by NRC.   | M  | HNP | Holder  | Oudinot   | TF reviewing NRC comments on R0 | Comments provided on R0 | 12/19/2006             |  |  |
| 06-0025 | 1b | 1b | Define minimum acceptable pre-plan scope.   | 3.4 Industrial Fire Brigade - 3.4.2.1 - The plans shall detail the fire area configuration and fire hazards to be encountered in the fire area, along with any nuclear safety components and fire protection systems and features that are present.<br><br>Suggest define more clearly what the minimum acceptable pre-plan scope is. Consider use of existing guidance. | Presented to Task Force 11/30/06 R1b updated 4/19   | M  | HNP | Holder  | Barbadaro | R1 submitted to NRC             | Comments provided on R0 | 12/19/2006<br>5/8/2007 |  |  |

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| 06-0026 | 0 | 0  | Clarify NFPA code requirements for gear maintenance   | 3.4.4 Fire-Fighting Equipment - Protective clothing, respiratory protective equipment, radiation monitoring equipment, personal dosimeters, and fire suppression equipment such as hoses, nozzles, fire extinguishers, and other needed equipment shall be provided for the industrial fire brigade. This equipment shall conform with the applicable NFPA standards.<br><br>Clarify that intent is for design and purchase of equipment. NFPA code requirements for gear maintenance is not applicable. | Presented to Task Force 11/30/06<br>Comments from Task Force to initiator by 12/14/06 Submitted to NRC 12/19/06<br>Preliminary verbal comments provided by NRC.<br>WITHDRAWN 5/17/07 | M | HNP | Holder     | Oudinot | WITHDRAW N 5/17/07  | Proposed withdraw       | 12/19/2006                          |  |  |
| 06-0027 | 0 | 0  | Clarify the "where provided" statement.   | 3.7 Fire Extinguishers - Where provided, fire extinguishers of the appropriate number, size, and type shall be provided in accordance with NFPA 10, Standard for Portable Fire Extinguishers. Extinguishers shall be permitted to be positioned outside of fire areas due to radiological conditions.<br><br>Part of NFPA 10 is placement / travel distances for extinguishers. The 'where provided' statement needs clarification.  | To TF by Feb 07<br>Not discussed on 1/18/07  | M | ANO | Puckett    |         | Submitted R0 to NRC |                         | 5/17/2007                           |  |  |
| 06-0028 | 2 | 2  | Clarify intent of "familiarization with plant fire prevention procedures, fire reporting, and plant emergency alarms" regarding scope or depth of the training. | 3.3.1.1 General Fire Prevention Activities - (1) Training on fire safety information for all employees and contractors including, as a minimum, familiarization with plant fire prevention procedures, fire reporting, and plant emergency alarms<br><br>Clarify the intent of 'familiarization'.  | Presented to Task Force 11/30/06<br>Comments from Task Force to initiator by 12/14/06 Submitted to NRC 12/19/06<br>Not discussed on 1/18/07  | M | HNP | Holder     | Oudinot | R2 submitted to NRC | Comments provided on R1 | 12/19/2006<br>5/8/2007<br>5/21/2007 |  |  |
| 06-0029 |   | 0a | Clarify zone of influence for NUREG 6850 Task 8.  | FDT spreadsheets are used to provide a zone of influence.  | Submitted to the task force: 12/19/06<br>Discuss at January 24, 2007 FPRA meeting<br>Not discussed on 1/18/07  | L | HNP | Thompson   |         |                     |                         |                                     |  |  |
| 07-0030 |   |    | Risk of recovery actions  | 4.2.4 Clarification of risk impact of recovery actions   | FAQ by 4Q 2007   | M | HNP | Ertman     |         |                     |                         |                                     |  |  |
| 07-0031 | 0 | 0  | Misc Binning Issues   | Miscellaneous ignition frequency binning issues. Questions arise during ignition frequency counting, such as: MOV motors, Hydraulic actuators for valves, Transformers   | Draft to NEI TF for April 2007.  | M | HNP | Miskiewicz |         | Submitted R0 to NRC |                         | 5/17/2007                           |  |  |

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| 07-0032 |  | 0 | 10CFR 50.48(a) and GDC 3 clarification                 | Clarify that satisfying 10 CFR 50.48(c) will satisfy 10 CFR50.48(a) and GDC3                         | Draft to NEI TF for May 2007. FAQ submitted by June | M | HNP | Holder     |  | TF reviewing |  |  |  |  |
| 07-0033 |  |   | Review of Existing Engineering Equivalency Evaluations | Discuss how EEEE will be reviewed and summarized for transition                                      | Draft to NEI TF for May 2007.                       | M | HNP | Holder     |  | TF reviewing |  |  |  |  |
| 07-0034 |  | 0 | Determination of non-vented Cabinets                   | Clarification of guidance for deterining if an electrical cabinet can be dispositioned as non-vented | Draft to NEI TF for May 2007. FAQ submitted by June | M | HNP | Miskiewicz |  | TF reviewing |  |  |  |  |