

September 7, 2007

Mr. Russell J. Bell, Director  
New Plant Licensing  
Nuclear Generation Division  
Nuclear Energy Institute  
1776 I Street, NW, Suite 400  
Washington, DC 20006-3708

Dear Mr. Bell:

I am responding to your letter dated August 10, 2007, concerning additional generic templates to be developed by the Nuclear Energy Institute (NEI) on radioactive waste and radiation protection programs and related content in final safety analysis reports. Your letter accurately describes an approach discussed and agreed to during recent public meetings between the U. S. Nuclear Regulatory Commission (NRC) staff and representatives from NEI and the nuclear power industry. Specifically, this approach involves the development of four generic program descriptions, or templates, covering the following aspects of an operational radiation protection program:

- Offsite Dose Calculation Manual Program (ODCM), including Radiological Effluent Technical Specifications (RETS)/Standard Radiological Effluent Controls (SREC) and Radiological Effluent Monitoring Program (REMP)
- Process Control Program (PCP)
- Final Safety Analysis Report (FSAR) Section 12.1 on “as low as reasonably achievable” (ALARA)
- Cost-benefit analysis required by 10 CFR Part 50, Appendix I, Section II.D, of practicable options for radioactive waste processing as apart of the demonstration that radiation doses will be ALARA

Applicants for combined licenses (COLs) or design certifications (DCs) may incorporate these templates into their applications by reference. Such incorporation by reference will be useful to the extent that the templates provide information that must be included in a COL or DC application under 10 C.F.R. §§ 52.79 or 52.47, respectively. Applicants that reference the generic templates while they are being reviewed by the NRC staff should understand that their applications would have to be amended to provide the required program description if the NRC does not approve the generic templates. Also, if the referenced template is ultimately endorsed by the NRC, but the endorsed version differs from the version referenced in the application, applicants will need to amend their applications to reflect the revised document. Applicants should acknowledge in their applications when generic templates or other reference material is currently under review by the NRC staff, and when possible include the NRC’s Agencywide Documents

Access and Management System (ADAMS) accession number of the document being referenced. An applicant could, for example, use incorporation by reference for one of the NEI documents by stating:

This section incorporates by reference NEI 07-[XX], [Document Title, Rev. xx, dated xx/xx/xxxx] [ADAMS No. MLxxxxxxx], which is currently under review by the NRC staff.

Upon receipt of each report, the NRC staff will develop a review plan and schedule, which will be communicated to NEI using established processes. We support additional public meetings in the short-term and will work with NEI to schedule future meetings and other interactions in support of the NRC review of each topical report.

The NRC staff has had similar discussions with stakeholders regarding the ongoing review of other NEI topical reports. The process described above for the radioactive waste and radiation protection templates may be used for other NEI topical reports currently under review by the NRC staff and intended to be referenced in COL applications. For example, applicants may use this process to reflect the ongoing review of NEI 03-12, Appendix F, "Security Measures During New Reactor Construction," by including the following statement in the appropriate section of their applications:

This section incorporates by reference NEI 03-12, Appendix F, "Security Measures During New Reactor Construction," [Rev. xx, dated xx/xx/xxxx], which is currently under review by the NRC staff.

Please feel free to call me if you have any questions.

Sincerely,

***/RA/***

William D. Reckley, Branch Chief  
Rulemaking, Guidance and Advanced  
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Division of New Reactor Licensing  
Office of New Reactors

cc: see attached list

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 Rulemaking, Guidance and Advanced  
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 Office of New Reactors

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DATE	09/04/2007	09/07/2007	09/05/07	09/07/2007

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