

NRR-PMDAPEm Resource

From: Purnell, Blake
Sent: Thursday, September 01, 2016 8:51 AM
To: Lashley, Phil H.
Cc: talentz@firstenergycorp.com
Subject: Davis-Besse NFPA 805 LAR - DRAFT RAI for Radiological Release
Attachments: MF7190 DB NFPA 805 RAI ARCB.docx

Phil,

Attached is the draft request for additional information (RAI) from the NRR Radiation Protection and Consequences Branch regarding the Davis-Besse NFPA 805 application. The NRC staff will use this draft RAI during its upcoming onsite audit. The final RAI will be issued after the audit and the questions may be revised based upon the audit findings.

Please let me know if you would like to have a clarification call regarding this draft RAI in advance of the audit.

Thanks,

Blake Purnell, Project Manager
Plant Licensing Branch III-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
ph: 301-415-1380

Docket No. 50-346

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Recipients:

"talentz@firstenergycorp.com" <talentz@firstenergycorp.com>

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"Lashley, Phil H." <plashley@firstenergycorp.com>

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REQUEST FOR ADDITIONAL INFORMATION
LICENSE AMENDMENT REQUEST TO ADOPT
NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 805
FIRSTENERGY NUCLEAR OPERATING COMPANY
DAVIS-BESSE NUCLEAR POWER STATION, UNIT NO. 1
DOCKET NO. 50-346

Radiological Release RAI 01

LAR Appendix E states several times that: “A bounding analysis was developed that determined that in the event of a fire the radiological release would not exceed 10 CFR limits.” As part of the NRC staff’s audit of licensee documents, the staff reviewed Radioactive Material Release Calculation RP-15-01. However, it is not clear if this calculation is the bounding analysis referred to in LAR Appendix E or if this is the only bounding analysis.

For each bounding analysis referred to in LAR Appendix E, provide the title and a summary of the assumptions, methodologies, and resulting doses of the analysis

Radiological Release RAI 02

LAR Attachment E, Table E-1, states that compartment MC-01 should be screened in for analysis of radiological containment and monitoring actions associated with firefighting operations. However, LAR Table E-2 states that compartment MC-01 was screened out and does not provide the results of the engineered controls review for liquid and gaseous effluents associated with firefighting activities.

Clarify whether compartment MC-01 should be screened in for analysis of radiological containment and monitoring actions associated with firefighting. If so, provide the results of the engineered controls review for compartment MC-01.