

Entergy

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Entergy Nuclear Operations, Inc.**

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JAFP-10-0011

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: James A. FitzPatrick Nuclear Power Plant – Response to Request For Additional Information Regarding: Request For Exemption (TAC No. ME0727)

**Entergy Nuclear Operations, Inc.
James A. FitzPatrick Nuclear Power Plant
Docket No. 50-333
License No. DPR-59**

- References:
- 1) Entergy Letter, JAFP-09-0025, James A. FitzPatrick Nuclear Power Plant Request for Exemption from 10 CFR 50 Appendix R Section III.G.2 Requirements Based on Manual Actions (TAC No. ME0727), dated February 18, 2009.
 - 2) USNRC Letter, James A. FitzPatrick Nuclear Power Plant – Request For Information Required for Acceptance Review Re: Request For Exemption (TAC No. ME0727), dated March 20, 2009.
 - 3) Entergy Letter, JAFP-09-0038, James A. FitzPatrick Nuclear Power Plant – Response to Request For Information Required for Acceptance Review Regarding: Request For Exemption (TAC No. ME0727), dated March 30, 2009.
 - 4) USNRC Telephone Request For Additional Information On The Request For Exemption From 10 CFR 50, Appendix R, Section III.G.2 Requirements Based On Manual Actions At James A. Fitzpatrick Nuclear Power Plant (TAC No. ME0727), dated December 2, 2009.
 - 5) Entergy Letter, JAFP-09-0144, James A. FitzPatrick Nuclear Power Plant – Response to Request For Information Regarding: Request For Exemption (TAC No. ME0727), dated December 11, 2009.
 - 6) USNRC Request For Additional Information On The Request For Exemption From 10 CFR 50, Appendix R, Section III.G.2 Requirements Based On Manual Actions At James A. Fitzpatrick Nuclear Power Plant (TAC No. ME0727), dated January 13, 2010.

A006
A001
NRR

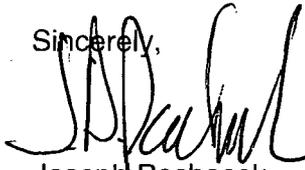
Dear Sir or Madam:

Entergy Nuclear Operations Inc., (ENO) submitted James A. FitzPatrick Nuclear Power Plant Request for Exemption from 10 CFR 50 Appendix R Section III.G.2 Requirements Based on Manual Actions (TAC No. ME0727), dated February 18, 2009 [Reference 1]. Subsequently, ENO received James A. FitzPatrick Nuclear Power Plant – Request For Information Re: Request For Exemption (TAC No. ME0727), dated March 20, 2009 [Reference 2]. Entergy responded to that request on March 30, 2009 [Reference 3]. On December 2, 2009 Entergy received a second Request for Additional Information (RAI) [Reference 4]. On December 11, 2009 Entergy provided a written response [Reference 5] to the RAI. Subsequent to Entergy's response [Reference 5], the staff provided a further RAI to support their review of the exemption request [Reference 6]. This letter provides the information requested in reference 6 as discussed via telephone with the NRC staff.

There are no new commitments made in this letter.

If you have any questions or require additional information, please contact me, at 315-349-6766.

Sincerely,



Joseph Pechacek
Licensing Manager

Enclosure 1: Request For Additional Information On The Request For Exemption From 10 CFR 50, Appendix R, Section III.G.2 Requirements Based On Manual Actions At James A. Fitzpatrick Nuclear Power Plant (TAC No. ME0727)

JP/ed

cc:

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JAFP-10-0011

Enclosure 1

**Request For Additional Information On The Request For Exemption
From 10 CFR 50, Appendix R, Section III.G.2 Requirements Based On
Manual Actions At James A. Fitzpatrick Nuclear Power Plant
(TAC No. ME0727)**

**Request For Additional Information On The Request For Exemption From
10 CFR 50, Appendix R, Section III.G.2 Requirements Based On Manual Actions
At James A. Fitzpatrick Nuclear Power Plant (TAC No. ME0727)**

RAI Question

In the licensee's submission dated March 30, 2009, the licensee stated that the cables in Fire Area 10 are IEEE-383 qualified, or equivalent. Please state whether the cables in question are thermoplastic or thermoset.

RAI Response

The Automatic Depressurization System (ADS) control cables are located in a stack of six cable trays as discussed in earlier submittals. Based on a review of the James A. FitzPatrick Nuclear Power Plant (JAF) cable and raceway database, approximately 600 cables are present in these trays. All of the cable mark numbers were reviewed against the information in the cable and raceway database as well as the original purchase specifications. This review concluded that all of the cables located in the stack of cable trays discussed in the March 30, 2009 submittal, that contain the ADS control cables, are thermoset.