

## **PMLevyCOLPEm Resource**

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**From:** Habib, Donald  
**Sent:** Monday, June 30, 2014 2:42 PM  
**To:** Kitchen, Robert (Robert.Kitchen@duke-energy.com); Waters, David (David.Waters2@duke-energy.com); larry.taylor@duke-energy.com; Wilkins, Tillie (tillie.wilkins@pgnmail.com); Taylor, Larry (Larry.Taylor2@duke-energy.com)  
**Cc:** Tardiff, Al; Gott, William; Hughes, Brian; Comar, Manny; Burkhart, Lawrence; McGovern, Denise; Jaffe, David; Joshi, Ravindra; Austin, Kelsi; Galletta, Thomas; Finn, Kevin  
**Subject:** Draft RAI 7568 for Levy COL related to Special Nuclear Material Physical Protection Plan  
**Attachments:** RAI\_7568.docx

To all:

Attached is draft RAI 7568 related to the Special Nuclear Material Physical Protection Plan for the Levy Nuclear Plant Units 1 and 2 Combined License Application.

If you would like to schedule a conference call to discuss this RAI, please let me know before 3pm on Thursday, July 3, 2014. If no request for a conference call is received, the RAI will be issued as final.

Don Habib  
Levy COL Review, Lead Project Manager  
NRO/DNRL, Licensing Branch 4  
301-415-1035

**Hearing Identifier:** Levy\_County\_COL\_Public  
**Email Number:** 1247

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**Subject:** Draft RAI 7568 for Levy COL related to Special Nuclear Material Physical Protection Plan  
**Sent Date:** 6/30/2014 2:41:58 PM  
**Received Date:** 6/30/2014 2:43:23 PM  
**From:** Habib, Donald

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**Options**

**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
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**Recipients Received:**

## **Request for Additional Information**

Issue Date:

Application Title: Levy County, Units 1 and 2 - Dockets 52-029 and 52-030

Operating Company: Duke Energy Florida

Docket No. 52-029 and 52-030

Review Section: 01.05 - Other Regulatory Considerations

Application Section: Part 8B Special Nuclear Material Physical Protection Program Description

### QUESTIONS

01.05-3

Explain how the applicable special nuclear material of low strategic significance requirements of 10 CFR 73.67 "Licensee fixed site and in-transit requirements for the physical protection of special nuclear material of moderate and low strategic significance" will be met. Specifically, describe how the fixed site requirements of 10 CFR 73.67(a)(1), (a)(1)(i), a(1)(ii), (a)(2)(i), (a)(2)(ii), (a)(2)(iii), (a)(2)(iv), and 10 CFR 73.67(f)(1)-(4) will be met.

The FSAR in Table 13.4-201 states that 10 CFR 73.67 will be implemented before fuel is accepted and the protected area (PA) is declared operational. Therefore, because the applicant will have more than 10kg of Cat III special nuclear material, a security plan that covers how 10 CFR 73.67(f) will be addressed must be submitted for NRC approval (see 10 CFR 73.67(c)). The plan must describe how the above requirements will be met and reference how the requirements of 10 CFR 73.67(g) are planned to be met. In addition, the plans must explicitly address the protection of both the special nuclear material of low strategic significance reactor fuel and the special nuclear material of low strategic significance non-fuel items mentioned in Appendix 11F of the application.