

## PMFermiCOLNPEm Resource

---

**From:** Anand, Raj  
**Sent:** Wednesday, June 15, 2011 4:11 PM  
**To:** Nicholas A Latzy  
**Cc:** FermiCOL Resource  
**Subject:** Follow up to Fermi 3 phone call with DE (Non-Public)

Nick:

As a follow-up to our phone call today with you regarding the SFP 1 X4 RAI here is some information for purposes of clarifying the RAI:

1. Based on sensitive, unclassified and non-publically available studies the NRC has done, an empty cell may be considered at least as effective as a cell with an older lower decay power fuel assembly in it in a 1 X 4 loading pattern. Thus a 1 x 4 pattern with an empty cell in place of a low decay power assembly surrounding the hot assembly is considered an acceptable alternative.
2. The NRC expects the pattern of the hot spent fuel in the buffer pool, awaiting transfer to the spent fuel pool, to be at least as effective as a 1 x 4 pattern or an acceptable alternative.
3. As discussed in DC/ISG-016, the NRC expects New Reactor licensees to be able to place spent fuel in the final 1X4 pattern as it comes out of the reactor (or buffer pool in the case of Fermi) until such time that the amount of spent fuel in the fuel pool is so great that it becomes unfeasible and impractical, consistent with safe fuel handling practice, to do this.

Thanks,  
Raj

**Hearing Identifier:** Fermi\_COL\_NonPublic  
**Email Number:** 1157

**Mail Envelope Properties** (B46615B367D1144982B324704E3BCEED7E44E77FEA)

**Subject:** Follow up to Fermi 3 phone call with DE (Non-Public)  
**Sent Date:** 6/15/2011 4:11:02 PM  
**Received Date:** 6/15/2011 4:11:03 PM  
**From:** Anand, Raj

**Created By:** Raj.Anand@nrc.gov

**Recipients:**  
"FermiCOL Resource" <FermiCOL.Resource@nrc.gov>  
Tracking Status: None  
"Nicholas A Latzy" <latzyn@dteenergy.com>  
Tracking Status: None

**Post Office:** HQCLSTR01.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	1157	6/15/2011 4:11:03 PM

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**