

March 23, 2006

MEMORANDUM TO: William Ruland, Deputy Director  
Spent Fuel Project Office  
Office of Nuclear Material Safety  
and Safeguards

FROM: Meraj Rahimi, Senior Project Manager */RA/*  
Licensing Section  
Spent Fuel Project Office  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: SUMMARY OF MARCH 14, 2005, MEETING ON ISG-21 AND ISG-22  
(TAC NO. LA0233)

On March 14, 2006, the Nuclear Regulatory Commission (NRC) staff held a public meeting to discuss the technical bases for Interim Staff Guidance-21 (ISG-21) and ISG-22. The meeting agenda and a list of attendees are included in Attachments 1 and 2.

The staff presented an overview of the regulatory and technical bases for ISG-21 - Use of Computation Modeling Software (Attachment 3). The industry also presented its perspective on ISG-21 (Attachment 5). The staff provided some clarifications on need for computer model validation and the need for submittal of annotated input files.

The staff also presented an overview of the technical basis for the ISG-22 -Potential Fuel Rod Splitting Due to Exposure to an Oxidizing Atmosphere During Storage and Transportation (Attachment 4). The industry also presented its perspectives on ISG-22 (Attachment 5).

No regulatory decisions were made at the meeting.

Attachments 1: Meeting Agenda  
2: List of Attendees  
3: NRC presentation

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| <b>OFC:</b>  | SFPO       | E | SFPO       | E | SFPO       |  |
| <b>NAME:</b> | MRahimi    |   | MDeBose    |   | RNelson    |  |
| <b>DATE:</b> | 03/ 23 /06 |   | 03/ 23 /06 |   | 03/ 23 /06 |  |

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## MEETING AGENDA

Meeting with Nuclear Energy Institute

March 14, 2006, Room O-1F16

|           |                                    |
|-----------|------------------------------------|
| 1:00 p.m. | Introductions                      |
| 1:05 p.m. | Opening Remarks                    |
| 1:10 p.m. | Overview of ISG-21 Technical Basis |
| 1:20 p.m. | Presentation from Public           |
| 1:30 p.m. | Open Discussion                    |
| 2:00 p.m. | Overview of ISG-22 Technical Basis |
| 2:10 p.m. | Presentation from Public           |
| 2:20 p.m. | Open Discussion                    |
| 2:50 p.m. | Closing Remarks                    |
| 3:00 p.m. | Adjourn                            |

## List of Attendees

| <u>Name</u>        | <u>Affiliation</u>         |
|--------------------|----------------------------|
| Meraj Rahimi       | NRC/NMSS/SFPO              |
| Bill Brach         | NRC/NMSS/SFPO              |
| William Ruland     | NRC/NMSS/SFPO              |
| Wayne Hodges       | NRC/NMSS/SFPO              |
| Chris Bajwa        | NRC/NMSS/SFPO              |
| Bob Einziger       | NRC/NMSS/SFPO              |
| Gordon Bjorkman    | NRC/NMSS/SFPO              |
| Larry Campbell     | NRC/NMSS/SFPO              |
| Ray Wharton        | NRC/NMSS/SFPO              |
| Carl Withee        | NRC/NMSS/SFPO              |
| Jerry Chuang       | NRC/NMSS/SFPO              |
| Steven Baggett     | NRC/NMSS/SFPO              |
| Nancy Osgood       | NRC/NMSS/SFPO              |
| Charles Interante  | NRC/NMSS/SFPO              |
| Robert Shewmaker   | NRC/NMSS/SFPO              |
| Mike Call          | NRC/NMSS/SFPO              |
| David Tang         | NRC/NMSS/SFPO              |
| Alexandra Greene   | NRC/NMSS/SFPO              |
| Bob Tripathi       | NRC/NMSS/SFPO              |
| Jose Quadrado      | NRC/NMSS/SFPO              |
| Harold Scott       | NRC/RES                    |
| Brian Gutherman    | ACI Nuclear Energy Sol.    |
| John Kessler       | EPRI                       |
| Steve Nesbit       | Duke Energy                |
| Steven Kraft       | NEI                        |
| Rod McCullum       | NEI                        |
| Terry Sides        | Southern Nuclear           |
| Tom Danner         | NAC International          |
| Thecla Fabia       | Fuel Cycle Week            |
| Maureen Conley     | Platts/McGraw Hill         |
| Carlyn Greene      | Spent Fuel                 |
| Jeff Williams      | U.S. DOE                   |
| Thomas Pollog      | U.S. DOE                   |
| Bill Lake          | ASE                        |
| Paul Guill         | Duke Energy                |
| Reene Gambrell     | Duke Energy                |
| Gary Walden        | Duke Energy                |
| Oleg Povetko       | CNWRA                      |
| Jim Doxsey         | PPL - Susquehanna          |
| Eileen Supko       | Energy Res. International  |
| Jayant Bondre      | Transnuclear Inc.          |
| Randy Robins       | Dominion                   |
| Suzanne LeBlang    | NMC                        |
| Wayne Harris       | Progress Energy            |
| Christopher Walker | Entergy                    |
| Ben Franklin       | Entergy                    |
| Stefan Anton       | Holtec International       |
| Zita Martin        | Tennessee Valley Authority |