

January 11, 2024

Title: Phenomenon Identification and Ranking Table (PIRT) Panel Follow-Up Discussion on High Burnup Fuel Dispersal and Its Consequences

Date(s) and Time(s): January 19, 2024, 10:00 AM to 02:00 PM ET

Location: Teleconference

Category: This is an Observation Meeting. This is a meeting in which attendees will have an opportunity to observe the NRC performing its regulatory function or discussing regulatory issues. Attendees will have an opportunity to ask questions of the NRC staff or make comments about the issues discussed following the business portion of the meeting; however, the NRC is not actively soliciting comments towards regulatory decisions at this meeting.

Purpose: A panel of experts will discuss high burnup uranium dioxide fuel fragmentation, relocation, and dispersal (FFRD) during design basis accident conditions and on the consequences of fuel dispersal. The panel will complete phenomena identification and ranking tables related to fuel dispersal under accident conditions. This is a follow-up to the December 2023 PIRT panel meeting (ML23352A274). Discussions will be led by NRC contractors.

|          |  |  |
|----------|--|--|
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|               |                                       |                                       |
|---------------|---------------------------------------|---------------------------------------|
| Participants: | <u>NRC</u>                            | <u>External</u>                       |
|               | Office of Nuclear Reactor Regulation  | Information System Laboratories, Inc. |
|               | Office of Nuclear Regulatory Research |                                       |

|                 |                      |                      |                  |
|-----------------|----------------------|----------------------|------------------|
| Teleconference: | <u>Bridge Number</u> | <u>Conference ID</u> | <u>Pass Code</u> |
|                 | (202) 992-5167       | 344921826#           |                  |

|          |   |                       |                 |
|----------|---|-----------------------|-----------------|
| Webinar: | <u>URL</u>  | <u>Meeting Number</u> | <u>Password</u> |
|          | <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzMzYzQyNWEtMzUxYy00ZTE0LWE0Y2QtMmI1MjlkZGUyODdi%40thread.v2/0?context=%7b%22id%22%3a%2286320896-ba4b-4295-81cd-8ef23f2142ba%22%2c%22oid%22%3a%224dd07d07-cfaa-4eab-b5dd-0643d74b64e3%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzMzYzQyNWEtMzUxYy00ZTE0LWE0Y2QtMmI1MjlkZGUyODdi%40thread.v2/0?context=%7b%22id%22%3a%2286320896-ba4b-4295-81cd-8ef23f2142ba%22%2c%22oid%22%3a%224dd07d07-cfaa-4eab-b5dd-0643d74b64e3%22%7d</a> | 283243513649          | ZAH43f          |

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## PUBLIC MEETING AGENDA

Phenomenon Identification and Ranking Table (PIRT) Panel Follow-Up Discussion on High Burnup Fuel Dispersal and Its Consequences

January 19, 2024, 10:00 AM to 02:00 PM ET

Teleconference

| <b><i>Time</i></b> | <b><i>Topic</i></b>                | <b><i>Speaker</i></b> |
|--------------------|------------------------------------|-----------------------|
| 10:00-10:03        | Meeting Opening                    | J. Williams (ISL)     |
| 10:03-10:06        | Weclome                            | NRC Management        |
| 10:06-10:10        | Project and Meeting Objectives     | J. Corson (NRC)       |
| 10:10-10:15        | Ground Rules and Meeting Logistics | J. Corson (NRC)       |
| 10:15-12:15        | PIRT Panel Deliberation            | All Panelists         |
| 12:15-12:45        | Break                              |                       |
| 12:45-1:30         | PIRT Panel Deliberation            | All Panelists         |
| 1:30-1:45          | Summary, Next Steps                | J. Corson (NRC)       |
| 1:45-2:00          | Public Comment Period              |                       |

ADAMS Accession Number: ML24017A004

Distribution:

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| Office | NRR/DORL/LLPB PM | RES/DSA/FSCB BC | NRR/DORL/LLPB BC | NRR/DORL D | RES/DSA D  |
| Name   | DKing            | HEsmaili        | GGeorge          | BPham      | KWebber    |
| Date   | 01/11/2024       | 01/11/2024      | 01/11/2024       | 01/11/2024 | 01/11/2024 |

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Link to meeting details: <https://www.nrc.gov/pmns/mtg?do=details&Code=20240054>