

October 3, 2002

MEMORANDUM TO: Michael Lesar, Chief  
Rules and Directives Branch  
Division of Administrative Services  
Office of Administration

FROM: Jack Rosenthal, Chief ***Original signed by J. Rosenthal***  
Safety Margins and Systems Analysis Branch  
Division of Systems Analysis and Regulatory Effectiveness  
Office of Nuclear Regulatory Research

SUBJECT: FEDERAL REGISTRATION NOTICE FOR PUBLIC MEETINGS ON  
PRE-PIRT MEETING ON TRISO COATED FUEL PARTICLES

Attached is signed copy of a Federal Register notice for meeting to be held on Oct. 31 - Nov. 1, 2002, for your transmittal to the Office of the Federal Register for Publication. Five additional copies of the signed notice are attached for your use; as is a 3.5" diskette containing the notice WP8 file.

If you need any additional information concerning this notice, please contact Dr. Frank Odar at (301) 415-6500.

Attachments: As stated (5 copies)

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U.S. NUCLEAR REGULATORY COMMISSION

SECOND PRE-PIRT MEETING ON TRISO COATED FUEL PARTICLES

**AGENCY:** Nuclear Regulatory Commission

**ACTION:** Notice of Meeting

**PURPOSE:** The Nuclear Regulatory Commission will hold the second pre-PIRT (Phenomena Identification and Ranking Table) meeting to identify phenomena and issues related to TRISO-coated fuel particles in order to develop a research program. PIRTs have been used at NRC since 1988, and they provide a structured way to obtain a technical understanding that is needed to address certain issues.

**DATE:** Oct. 31- Nov. 1, 2002 (9:00am -5:00pm and 9:00am- 4:15pm respectively)

**ADDRESS:** Room O-13B4 of the Nuclear Regulatory Commission, 11555 Rockville Pike, Rockville, MD.

**PARTICIPANTS:**

This is a technical workshop to be conducted as a roundtable discussion between the NRC staff and NRC contractors. The agenda is attached. All handouts will be published as part of a NUREG/CR report. The list of invited participants are as follows:

Brent Boyack, Contractor, Chairman  
Dana Powers, Sandia National Laboratory  
David Petti, Idaho National Engineering Laboratory  
Robert Morris, Oak Ridge National Laboratory  
Syd Ball, Oak Ridge National Laboratory

**PUBLIC ATTENDANCE:**

The meeting will be conducted as a roundtable discussion between the invited participants and NRC staff. Although the focus of discussions will be among invited participants and NRC staff, the meeting is open to public. Members of the audience will be given an opportunity to comment at the end of the meeting each day. They may also submit written comments after the meeting. All written comments should be received within 15 days of the conclusion of the meeting. All written comments which are received within this period, will be published as part of the NUREG/CR report.

**SUPPLEMENTARY INFORMATION:** The meeting agenda will be posted on the NRC Web site at [www.nrc.gov/RES/meetings.html](http://www.nrc.gov/RES/meetings.html) by October 15, 2002. Attendees will need to obtain a visitor badge at the OWFN building lobby and an escort is required.

**FOR FURTHER INFORMATION CONTACT:** Dr. Frank Odar, SMSAB, Division of Systems Analysis and Regulatory Effectiveness, Office of Nuclear Regulatory Research, Washington, D.C. 20555-0001, telephone (301) 415-6500.

Dated at Rockville, Maryland, this 3rd day of October 2002.

FOR THE NUCLEAR REGULATORY COMMISSION

***Original signed by F. Eltawila***

Farouk Eltawila, Director

Division of Systems Analysis and Regulatory Effectiveness

Office of Nuclear Regulatory Research

**Agenda**  
**The Second TRISO Fuel Particle Pre-PIRT Meeting**  
**Oct. 31 - Nov. 1, 2002**  
**U. S. Nuclear Regulatory Commission**  
**11555 Rockville Pike, Rockville, MD 20852**

**Participants**

Brent Boyack, Contractor, Chairman  
Dana Powers, Sandia National Laboratory  
David Petti, Idaho National Engineering Laboratory  
Robert Morris, Oak Ridge National Laboratory  
Syd Ball, Oak Ridge National Laboratory  
NRC Staff

**Objectives**

- Identify essential points, phenomena and processes associated with TRISO fuel during transient and accident conditions
- Select importance ranking criteria and scale
- Perform testing of importance ranking process for a postulated accident scenario

**Thursday, Oct. 31, 2002**  
**Room O-13B4 (North Building, 13<sup>th</sup> Floor, Room B4)**

8:45 am	Check-in at front desk
9:00	Convene meeting, review results of the first meeting (B. Boyack/all)
10:30	Break
10:45	ORNL presentation/discussion on TRISO particles during accidents/transients
11:00	INEEL presentation/discussions on TRISO particles during accidents/transients
12:00	Lunch
1:00pm	Identify essential phenomena/issues associated with TRISO particles during accidents and transients
3:00	Break
3:15	Identify essential phenomena/issues associated with TRISO particles during accidents and transients (cont.)
4:45	Public Comment Period
5:00	Adjourn

**Friday, Nov. 1, 2002**  
**Room O-13B4 (North Building, 13<sup>th</sup> Floor, Room B4)**

8:45am	Check-in front desk
9:00	Convene meeting, identify essential phenomena/issues associated with TRISO particles during accidents and transients (cont.)
10:30	Break
10:45	Confirm importance ranking criteria and scale, start performing testing of the PIRT process for a postulated accident
12:00	Lunch
1:00pm	Perform testing of the PIRT process for a postulated accident
3:15	Break
3:30	Confirmation of post-meeting action items (format and content) and due dates
4:00	Public comment period
4:15	Adjourn