

Pennsylvania State University/University of Missouri-Rolla, Robert Voigt
American Foundrymen's Society, TBD
Michigan Technological University,
Richard Tieder
University of Wisconsin-Milwaukee,
Pradeep Rohatgi

3:00 p.m. Break

3:15 p.m. Presentations of other Federally Funded Metal Casting Research Programs (20 minutes each):

NIST, Robert Schaefer
NSF, Bruce Kramer
DOD/Air Force, Tom Broderick
DOD/Army, Al Gonsiska
DOD/Navy, TBD
EM, TBD
DP, TBD

5:30 p.m. Adjournment

March 1, 1995

8:00 a.m. Welcome

9:00 a.m. Status of metal casting industry vision by metal casting coalition, Dan Twarog

10:00 a.m. Break

10:15 a.m. Panel Discussion—Technology Advances & Opportunities in the National Laboratories:

Argonne, Henry Domanus
Idaho, Marty Sorensen
Lawrence Livermore, Al Lingenfelter
Los Alamos, Billy Hogan
Oak Ridge, Peter Angelini
Sandia, Frank Zanner

12:00 p.m. Adjournment

A final agenda will be available at the meeting.

Public Participation: The meeting is open to the public. The Chairperson of the Board is empowered to conduct the meeting to facilitate the orderly conduct of business. Any member of the public who wished to make oral statements pertaining to the agenda items should contact Douglas E. Kaempf at the address or telephone number listed above. Requests must be received at least 5 days prior to the meeting and reasonable provisions will be made to include the presentation on the agenda. Written statements may be filed with the Committee either before or after the meeting.

Transcript: Available for public review and copying at the Freedom of Information Public Reading Room, Room 1E-190, Forrestal Building, 1000 Independence Avenue, S.W., Washington, D.C. between 9:00 AM and 4:00 PM, Monday through Friday, except Federal holidays.

Issued at Washington, D.C. on February 2, 1995.

Gail Cephas,

Acting Deputy Advisory Committee,
Management Officer.

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Notice of Additional Public Meeting and Request for Comment on a Draft Outline for a Technical Study Concerning the National Ignition Facility and the Issue of Nonproliferation

AGENCY: Department of Energy.

ACTION: Notice of additional public meeting and request for comment.

SUMMARY: The Department of Energy (DOE) held a workshop on September 8, 1994, to begin a dialogue with the public concerning issues arising from building and operating the National Ignition Facility (NIF). Two public meetings held on January 24, 1995, in Oakland, CA, and on January 30, 1995, in Washington, DC, continued this dialogue, focusing on a draft outline for a technical study that DOE is writing concerning the NIF and the issue of nonproliferation. Today's notice is to announce that DOE is adding an additional public meeting in Livermore, CA, on the draft outline for the study and extending the written comment period. DOE is requesting both oral and written comments on the outline for the technical study.

DATES: Written comments (11 copies) are requested to be received by DOE on or before March 16, 1995. Oral views and data may be presented at an additional public meeting to be held in Livermore, CA, on March 9, 1995, beginning at 1:30 p.m. and concluding at 9:00 p.m. with a break for dinner from 4:30-6:30 p.m. The length of each oral presentation is limited to 10 minutes.
ADDRESSES: All written comments (11 copies) and requests to speak at the public meeting should be addressed to U.S. Department of Energy, NN-40, 1000 Independence Avenue, SW, Washington, DC, 20585, (202) 586-3012. In the event any person wishing to submit a written comment cannot provide eleven copies, alternate arrangements can be made in advance by calling the phone number referenced above.

The public meeting be held at the following location: Research Drive Conference Center, Room One, 2140 Research Drive, Livermore, CA.

Copies of the public meeting transcripts and written comments received may be read and photocopied at DOE Freedom of Information Reading Room, U.S. Department of Energy, Room 1E-190, 1000 Independence Avenue, SW, Washington, DC, 20585, (202) 586-6020, between the hours of 9:00 a.m. and 4:00 p.m. Monday through Friday except Federal holidays. These documents may also be read during the same hours at DOE Oakland Operations

Office, Federal Building, 1301 Clay Street, Room 1070N (10th Floor), Oakland, CA, 94612 (510) 637-1762.

For further information concerning public participation, see the "Opportunity For Public Comment" section of this notice.

SUPPLEMENTARY INFORMATION: NIF and its potential impact on the nonproliferation of nuclear weapons was an issue which was raised at the September 8, 1994, NIF public workshop held in Washington, DC. As a result of this meeting, DOE has prepared an outline for a technical study of this issue. The purpose of the public meetings is to seek the comments of the public on the outline for the technical study and to ensure that the issues the Department plans to address in this study are comprehensive. As such, DOE is soliciting the public to provide oral statements concerning the outline at public meetings and/or to provide written comments. Addresses, dates and times are provided at the beginning of this notice.

Draft Outline

The working title that DOE is using is, "The National Ignition Facility and its Potential Impact on the Nonproliferation of Nuclear Weapons."

The outline that DOE is proposing to use for the technical study is:

I. Introduction

- Thermonuclear weapons
 - fusion secondaries
- Controlled thermonuclear reactions
 - inertially-confined fusion
 - ignition and burn

II. The National Ignition Facility

- Overview
- How NIF differs from
 - magnetic confinement
 - its predecessors, NOVA, etc., and similar facilities in the U.S. and other countries

III. Fusion Science and High-Energy-Density Physics

- What important science can be learned at NIF?
- How is it learned?
- What may NIF do that couldn't be done before?
- What do scientists want to do?
 - how does this differ from nuclear weapons science?

IV. Horizontal Proliferation

- What could proliferators learn by
 - access to NIF or comparable facilities?
 - access to unclassified NIF data and reports?
- What could proliferators do with this information?
- How can this information be kept from proliferators?
 - classification/declassification issues
 - access/experimental program control