

NELPI

National Energy Law & Policy Institute
University of Tulsa - College of Law
3120 E. Fourth Pl., Tulsa, Oklahoma 74104
(918) 939-6351, Ext. 431

Kent Frizzell, Director

April 9, 1981

Joseph M. Hendrie
Chairman
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Hendrie:

We are writing to invite you to speak on the evening of September 19, 1981 on the third day of a three day conference in Tulsa, Oklahoma on nuclear power generation. The Conference will present scientific information and issues on nuclear power generation to a community audience of citizens ranging from individuals with no knowledge of or background in nuclear power to those with extensive knowledge and technical training in the field.

We would like you to appear on a panel on the topic of Three Mile Island, what happened and its implications for the future of nuclear power. The purpose of the panel is to have a speaker from the President's Commission and the Nuclear Regulatory Commission give those perspectives while two other speakers present opposing views of the future of the nuclear industry after Three Mile Island. The presentations are to be objective and credible examinations of the facts. The program will be two hours in length, divided among the four speakers with time allowed for citizen questions. The National Science Foundation grant for the Conference will cover your expenses and a limited honorarium.

The purpose of the Conference is somewhat unusual. The plans for construction of the first nuclear power plant in Oklahoma within twenty-five miles of Tulsa has created concern in the community because of the pro and con issues of nuclear power. Unbiased and relevant information needs to be available to the general public. The goal of the Steering Committee for the Conference is to provide a community education program of scientific information and discussion. The Conference Steering Committee is made up of citizens representing the utility, labor, energy and jobs, community organizations and citizen groups, some of whom are opposed to nuclear power and some of whom are much in favor of it. These individuals are meeting around the same table for the first time to talk about nuclear issues. We are

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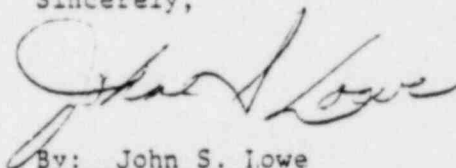
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Institute at the University of Tulsa College of Law to plan and put on the Conference. Scientists with the University have met with small working committees since December to plan the Conference content and topics for daytime workshops and nighttime sessions. The Steering Committee members have determined the list of speakers they feel will provide the basic information and expertise for the diverse community audience the Conference will attract.

We hope you give full consideration to speaking and that your schedule is open to do so. We are enclosing a copy of the Conference format which committee members have agreed upon. We continue to work on the goals and information which we want Conference workshop and session to provide. These materials will be supplied to the speakers during the summer. If you have additional questions, please feel free to contact the NELPI Office (918) 592-6000, extension 2431 in Tulsa.

Thank you for your consideration.

Sincerely,



By: John S. Lowe
Steering Committee Members
Conference on Nuclear Power Generation
National Science Foundation Grant

CONFERENCE FORMAT FOR THE NATIONAL SCIENCE FOUNDATION
CONFERENCE ON NUCLEAR POWER GENERATION

September 17-19, 1981

- I. Day One - Thursday
Science: "Nuts and Bolts" of Nuclear Power
 - A. Daytime workshops
 1. Fission-fusion (less emphasis on fusion than fission).
 2. Light water reactor:
 - a. PWR (pressure water reactor)
 - b. BWR (boiling water reactor)
 3. Breeder reactor.
 4. Alternative resources for electric supply systems.
 - B. Evening - Panel of four to include: pro and con scientists and pro and con politicians.

Purpose - Highlight present nuclear issues.

- II. Day Two - Friday
Economics and Regulation of Nuclear Power
 - A. Daytime Workshops/Discussion
 1. Meeting future energy demands: methods for computing demand:
 - a) What are some methods for.
 - b) How could demand be met.
 2. Costs of nuclear power to include:
 - a) Cost of fuel.
 - b) Costs incurred during fuel cycle.
 - c) Costs of construction.
 - d) Costs of capital.
 3. Comparative costs of alternative electric fuel systems (coal, gas, oil, hydro, wind, solar, and geothermal).
 4. Making valid cost comparisons with alternative electric supply systems (including how costs are calculated) (to be offered following Workshop 3).
 5. Nuclear policy making and regulation - role of the citizen.

- B. Evening - Panel of four experts with varying perspectives from daytime workshops and floor discussion using moderator.

Purpose - Economic issues of nuclear power.

III. Day Three - Saturday
Health and Safety

A. Daytime Workshops (afternoon recommended)

1. Safety precautions and engineering regulation in mining, milling, fabrication and enrichment.
2. Safety precautions/engineering regulation in reactor construction and operation.
3. Safety precautions and regulation in transportation and waste management.
4. Risk analysis of effects of malfunction upon human life, environment, power grid and economy (to include irreducible risks).
5. Nuclear policy making and regulation - role of the citizen (repeat of Workshop 5 on Day 2).

- B. Evening - Three Mile Island: What Happened and What Are the Implications. (Panelists to include a member of the President's Commission, a member of NRC and two representatives of opposing views on the future of the industry.)