

Challenges in the U.S. Nuclear Power Industry

Jim Morris
Vice President, Administration
Institute of Nuclear Power Operations

INPO

INPO Membership

Members

 28 U.S. Utility Members who operate nuclear power plants and 41 Utility Associate Member co-owners

International Participants



Supplier Participants

Bechtel
Black & Veatch
Framatome ANP
General Electric
Hitachi
Mitsubishi
Sargent & Lundy
The Shaw Group
Toshiba
Westinghouse

INPO

U.S. Stations



INPO

Birth of INPO

March 28, 1979



INPO

President's Commission on the Accident at Three Mile Island

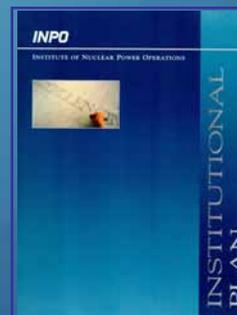


- Set and police its own **standards of excellence**
- Integration of **management responsibility**
- Systematic gathering & analysis of **operating experience**
- Agency-**accredited training** institutions
- Operator continuing training & plant **simulators**
- Dramatic change in **attitude toward safety (safety culture)**

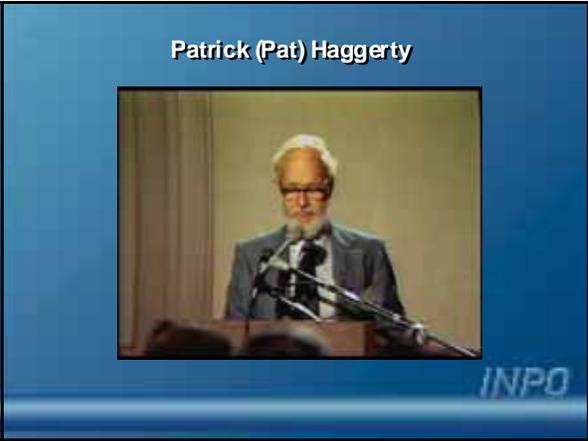
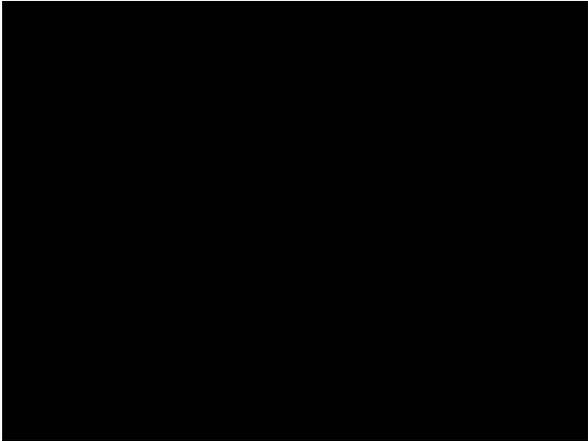
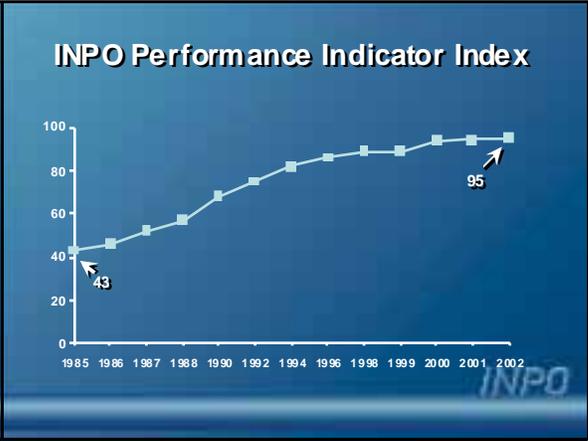
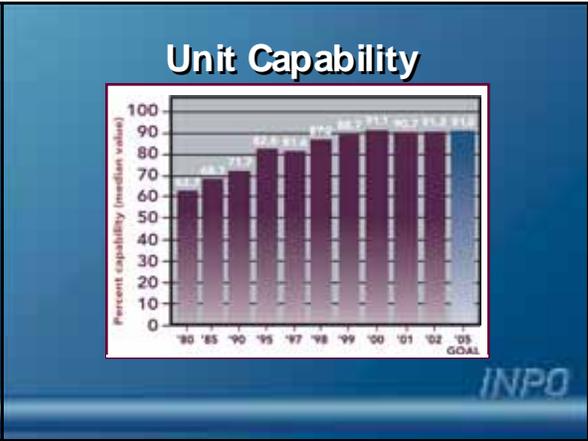
INPO

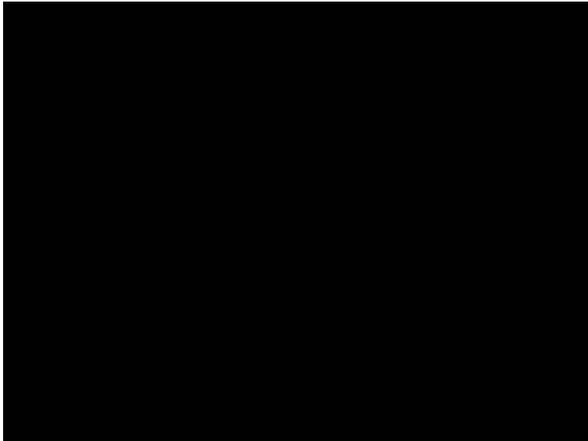
INPO's Mission

To promote the highest levels of safety and reliability – to promote excellence – in the operation of nuclear electric generating plants.



INPO

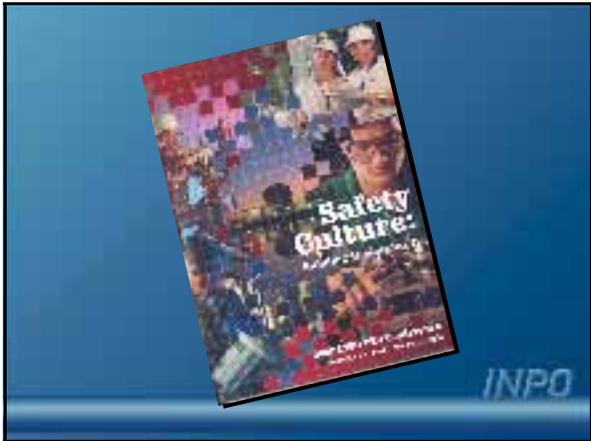
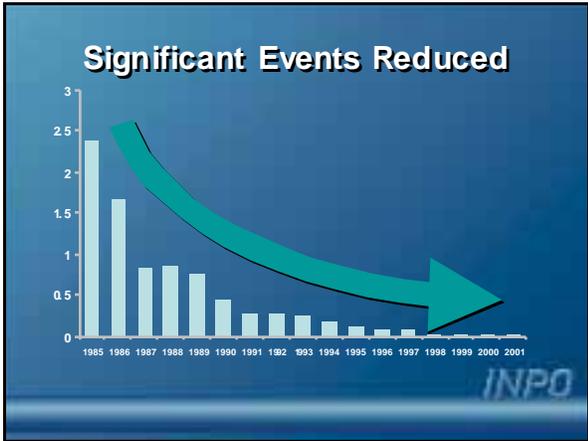




Facilitating Success

- Participation of peers
- Loaned and reverse loaned employee programs
- Training and professional development
- Operating experience

INPO



Facilitating Success

- Participation of peers
- Loaned and reverse loaned employee programs
- Training and professional development
- Operating experience
- CEO Conference

INPO

Issues of Concern

- Safety culture
- Human and organizational performance
- Workforce renewal
- Equipment reliability
- Materials
- Fuel reliability
- Radiation protection

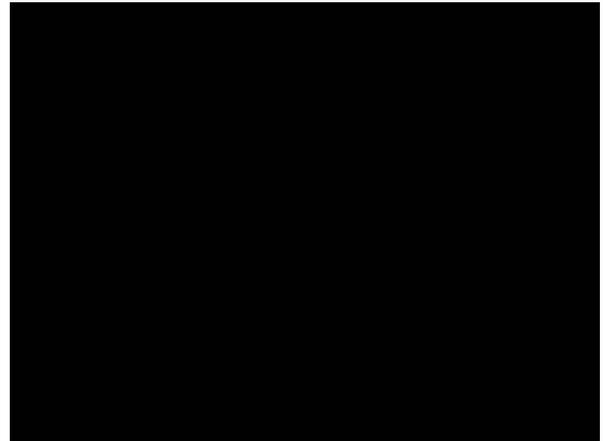
INPO



INPO's Evolution

- Dependent
- Independent
- Interdependent

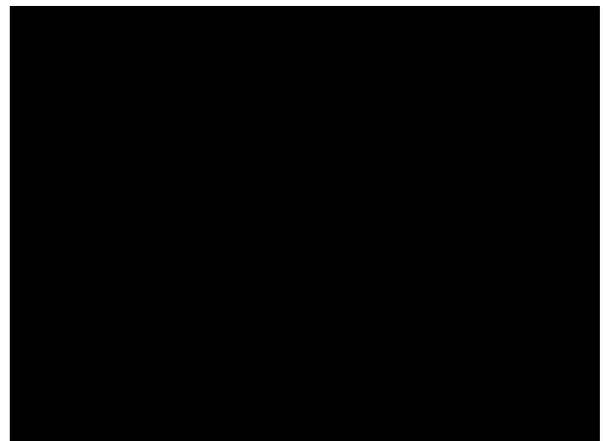
INPO



William (Bill) Lee



INPO



Voluntary Initiative Program

- Define your mission
- Nurture the voluntary initiative
- An independent role
- An interdependent role

INPO

We all belong to each other

We all need each other

It is in serving each other and in
sacrificing for our common good that
we are finding our true life

The War Widows' Guild of Australia
(Queensland)

INPO



QUEENSLAND MINING INDUSTRY

**Health & Safety
CONFERENCE 2003**

Accepting the Challenge

10.00-10.30am

Morning Tea