

October 12, 1982



SECY-82-413

**POLICY ISSUE**  
**(Information)**

For: The Commissioners

From: Executive Director for Operations

Subject: FORTHCOMING RISK COMPARISON STUDY OF  
ELECTRICITY GENERATING ALTERNATIVES

Purpose: To inform the Commission of the status of a National Academy of Sciences (NAS) study, in response to the Secretary's memorandum of September 13, 1982.

Discussion: The final report of the Risk and Impact Panel of the Committee on Nuclear and Alternative Energy Systems (CONAES) is in the process of final editing by the Panel's Chairman and final review by Panel members. According to the responsible member of the NAS staff, the Academy expects to publish the Panel's report in late 1982.

The CONAES final report, "Energy in Transition: 1985-2010," published by the NAS in 1979, includes a chapter on "Risks of Energy Systems" (Chapter 9). That chapter is based partly on a draft of the report of the Risk and Impact Panel which was then available to the Committee. We understand from the Risk and Impact Panel Chairman, Dr. James Crow, Professor of Genetics, University of Wisconsin, that the Panel's final report will cover the ground in much more extensive detail, with some limited updating.

The final report of the Panel is expected to include a lengthy general summary and reports by several "resource groups" (including one on accident risks, chaired by ACRS member Dr. David Okrent).

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We plan to review the Panel's report, consider whether further work is needed for NRC's purposes, and report further to the Commission.



William J. Dircks  
Executive Director  
for Operations

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555

OFFICE OF THE  
COMMISSIONER

October 21, 1982

MEMORANDUM FOR: William J. Dircks, EDO

FROM: John Ahearne *J. Ahearne*

SUBJECT: FORTHCOMING RISK COMPARISON STUDY OF  
ELECTRICITY GENERATING ALTERNATIVES

In SECY-82-413 you informed the Commission that the National Academy of Sciences expects to publish the final report of the Risk and Impact Panel of the Committee on Nuclear and Alternative Energy Systems (CONAES) in late 1982. I would appreciate receiving a copy of the report when it is published. I would also like to be informed if the report is not published by the end of 1982.

cc: Chairman Palladino  
 Commissioner Gilinsky  
 Commissioner Roberts  
 Commissioner Asselstine  
 SECY ✓  
 OPE  
 OGC

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10-21-82