

MAR 28 1994

MEMORANDUM FOR: Frank J. Congel, Director  
Division of Radiation Safety  
and Safeguards  
Office of Nuclear Reactor Regulation

FROM: LeMoine J. Cunningham, Chief  
Radiation Protection Branch  
Division of Radiation Safety  
and Safeguards  
Office of Nuclear Reactor Regulation

SUBJECT: PRESENTATION OF PAPER (ENTITLED "HEALTH PHYSICS  
ASPECTS OF ADVANCED REACTOR LICENSING REVIEWS")  
AT THIRD INTERNATIONAL WORKSHOP ON IMPLEMENTATION  
OF ALARA AT NUCLEAR POWER PLANTS

Attached for your approval is a copy of the paper which Charles S. Hinson plans to present at the subject workshop to be held in Hauppauge, New York on May 8-11, 1994. This paper provides a brief discussion of the advanced reactor Design Certifications currently under review by the NRC and describes some of the innovative ALARA design features incorporated by these reactor designs. This paper involves no new or unresolved policy issues and there are no conflicts between the author's views and documented NRC policies or positions.

Also attached is a completed NRC Form 426 ("Release To Publish Unclassified NRC Staff Publications").

Original signed by LeMoine J. Cunningham  
LeMoine J. Cunningham, Chief  
Radiation Protection Branch  
Division of Radiation Safety  
and Safeguards  
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Copy of Proposed Paper
- 2. Form 426

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#### AUTHOR BIOGRAPHY

Charles Hinson is a health physicist in the Radiation Protection Branch, NRR at the U.S. Nuclear Regulatory Commission. Over the last three and a half years, Mr. Hinson has served as the health physics reviewer for the EPRI Utility Requirements Document review and the CE System 80+ and GE SBWR design reviews. Other current responsibilities include analysis of occupational exposure data for U.S. reactors and evaluation of radiologically significant events at U.S. reactors. Mr. Hinson has also served as a NRC project manager for the Fort St. Vrain and Big Rock Point nuclear plants. He has both a B.S. and a M.E. in Nuclear Engineering from the University of Virginia.

U.S. Nuclear Regulatory Commission  
Radiation Protection Branch, NRR  
OWFN 10D4  
Washington, D.C. 20555

Phone: (301) 504-1845  
Fax: (301) 504-2260