



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, D. C. 20555

December 11, 1986

Professor Maurizio Cumo
Presidente Della Commissione Tecnica
Per La Sicurezza Nucleare E La Protezione Sanitaria
ENEA
00198 Roma
Viale Regina Margherita, 125
Italy

Dear Professor Cumo:

I was pleased to learn from Mr. Raymond Fraley of your interest in exchanging reactor safety information with the Advisory Committee on Reactor Safeguards (ACRS). I believe a bilateral meeting of representatives from Technical Committee and from the ACRS would be appropriate and productive. We have for sometime held similar meetings with representatives from the French GPR and the German RSK and have found the candid exchange of ideas and views during these bilateral meetings informative and thought provoking.

The ACRS would be interested in exploring with the Technical Committee the safety issues considered in the selection of pressurized water reactors over other reactor types for the future Italian nuclear program. I am sure that the Technical Committee and the ACRS can identify a few additional topics of interest to both of us. We have found it to be useful to limit the agenda for such meetings to a relatively small number of items.

We would be happy to meet in Washington, DC with the Technical Committee at an appropriate time during the summer or fall of 1987 or, if you prefer, we could send a delegation to Italy. If we are to meet in Italy we would be pleased to have the opportunity to visit one of your nuclear power sites, perhaps Alto Lazio (Montalto di Castro). I look forward to hearing from you.

Sincerely,

David A. Ward
Chairman

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Comitato Tecnico per la Sicurezza
Nucleare e la Protezione Sanitaria
Roma

Roma, Feb. 10, 1987

AIR MAIL

Prof. D.A. WARD
Chairman
ACRS - U.S. NRC
Washington D.C. 20555
USA

Dear Professor Ward,

with reference to your interesting proposal about a meeting between ACRS representatives and CT members, we would be happy to have this first meeting in Rome, so that many CT members might participate. This meeting might happen at your earliest convenience, as in Italy the attention on Reactor Safety is very keen.

Following your suggestions, your delegation might visit, in this occasion, the Alto Lazio nuclear power site where the works are at a very interesting stage.

In the same way your suggestions in concentrating the object of our discussions on the safety issues for the selection of pressurized water reactors are welcome. As a tentative agenda we might propose the following items:

- severe fuel damages: systems to improve the retention and to limit the releases;
- SER system
- APWR trends: core and cooling systems positions; emergency water storage tank; secondary side safeguard systems; total core melt frequency in PWR and APWR; steam generators; differences between APWR and PWR which might influence ORE reduction.

Obviously other items concerning our improved PWR (the so called PUN-Progetto Unificato Nucleare) might be discussed.

Looking to meet you soon, have my best regards.

Sincerely

Maurizio Cuno