



Anthony R. Pietrangelo
VICE PRESIDENT
REGULATORY AFFAIRS

July 27, 2007

Dr. Brian W. Sheron
Director
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: State of the Art Reactor Consequence Analysis (SOARCA)

Project Number: 689

Dear Mr. Sheron:

We understand that NRC is continuing to solicit plants to participate in the SOARCA project. While the industry is supportive of the project's overall goal to develop more realistic and accurate estimates, additional information is needed before companies will volunteer their plants for participation in the effort.

By letter of November 29, 2006, NEI provided NRC with a list of 44 questions on technical aspects of the project. To date, these questions have not been answered. Recent discussions between NRC staff and the Advisory Committee on Reactor Safeguards suggest that significant aspects of the project are still in a state of flux or may be subject to reconsideration. Economic impacts, scenario selection, accident frequency truncation limits, and treatment of latent effects are examples of such issues.

Finally, project participants need to have a better understanding of how the study will be conducted, how results will be derived and presented, and what review rights they will have with respect to their plants. This information is necessary to provide assurance to any volunteers that their plants are modeled accurately.

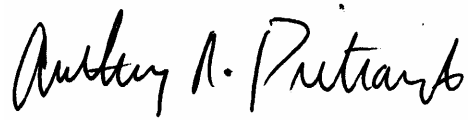
Mr. Brian W. Sheron

July 27, 2007

Page 2

We would like to reiterate our support for the objective of the SOARCA project. We look forward to a response to our letter on the technical aspects of the project and would be happy to meet to discuss the industry's other information needs.

Sincerely,

A handwritten signature in black ink, reading "Anthony R. Pietrangelo". The signature is written in a cursive, flowing style with a large initial 'A' and a long, sweeping underline.

Anthony R. Pietrangelo