

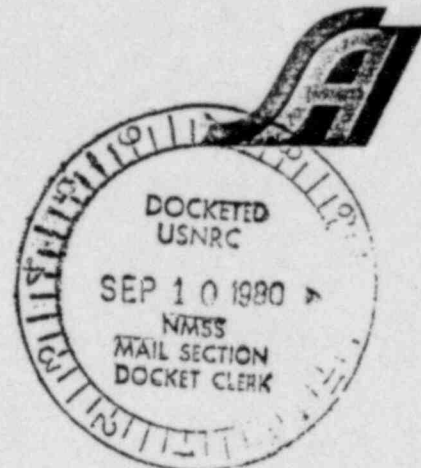
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August 20, 1980

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Dr. E.Y. Shum  
 Office of Nuclear Material Safety and  
 Safeguards  
 U.S. Nuclear Regulatory Commission  
 Room 412  
 7915 Easton Avenue  
 Silver Springs, Maryland 20910

U.S. NUCLEAR REGULATORY COMMISSION  
 MAIL SECTION

Subject: Minutes of Meeting with General Electric, Wilmington, NC,  
 11 August 1980

Reference: Letter, M. Spaeth to E.Y. Shum, 18 July 1980. Preliminary  
 Questions on General Electric Fuels Plant modifications and  
 information submitted to support amendments to License  
 SNM-1097.

Attendees: NRC - E. Y. Shum  
 G.E.- A. L. Kaplan  
 W. B. Smalley  
 SAI - S. E. Donelson  
 M. E. Spaeth

Dear Dr. Shum:

A meeting was held at the General Electric fuels fabrication plant in  
 Wilmington, NC on 11 August 1980 to discuss a series of preliminary ques-  
 tions posed by SAI regarding clarification and updating of the original  
 Environmental Impact Statement, NEDO-20197, prepared by General Electric  
 in 1974. Amplification of some of the information contained in the support-  
 ing documents for amending License SNM-1097 was also requested. In addi-  
 tion, General Electric conducted a tour of the plant areas in which the  
 planned conversion process improvements and the modified waste incinerator  
 are to be installed.

The tour also included the waste treatment and disposal areas on the plant  
 site that may affect the plant surroundings and serve to control the quality  
 and quantity of plant effluents.

During the discussion of the preliminary questions, agreements were reached  
 regarding subsequent actions to be undertaken by NRC, G.E. and SAI for pre-  
 paring information for the Environmental Impact Assessment document. Our  
 understanding of these decisions follows.

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Science Applications, Inc. 1200 Prospect St., P.O. Box 2351, La Jolla, CA 92038. (714) 454-3811

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NRC - E. Y. Shum

1. A formal series of questions, based in general on those prepared by SAI (Reference 1), will be submitted to General Electric by NRC.
2. In light of the experience of NRC licensees in managing and operating waste treatment lagoons at other sites, further amplification regarding the performance of the waste treatment lagoons will be requested (Questions 1.14 and 3.8).
3. The methods and assumptions used to calculate the radiation exposure to an infant presumed to live in the vicinity of the plant, will be provided by NRC (Questions 1.19).

General Electric - A. L. Kaplan and W. B. Smalley

1. The information in the pertinent tables of NEDO-20197 will be updated from 1974 to the present. The updated data will be formulated to show the incremental changes, if any, that would result from the conversion facility expansion and the incinerator modifications as separate items (Questions 1.13, 1.14, 1.15, 1.16, 2.9, 3.2, 3.3, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11, 3.13).
2. Demographics, based on the most recent available data, will be provided for an area extending up to 50 miles from the plant (Questions 1.2 and 1.3).
3. General Electric will inform NRC whether General Electric will perform an analysis of a criticality incident in conformance with NUREG 3.34 or if this analysis will be performed by others. Dr. Shum stated that NRC will perform an independent analysis of the criticality incident regardless of the identity of the party undertaking the original analysis (Question 3.12).
4. The effects on plant effluents that may arise from aircraft parts manufacturing at the Wilmington site will be addressed (Question 1.15).

SAI - M. E. Spaeth and S. E. Donelson

1. The informal answers supplied by General Electric to several of the preliminary questions were satisfactory and SAI will use the information gained as the basis for discussions in the appropriate sections of the EIA (Questions 1.12, 2.1, 2.4, 3.1).

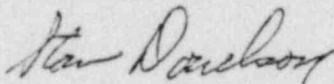
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Communications

1. General Electric suggested that SAI questions relating to nuclear activities be directed to A. Kaplan and those relating to other environmental concerns be directed to W. Smalley. In the event that the proper addressee were not available, then the question could be addressed to the other G.E. representative.
2. SAI agreed that Federal, state or local agencies would not be contacted regarding information for the EIA until General Electric were informed that the contact would be made.
3. SAI will provide E. Y. Shum written confirmation of any requests for information made to General Electric or other agencies.

We found the General Electric staff members unusually cooperative in response to our requests for information. It is apparent to us that General Electric will actively assist in preparing a thorough document describing the environmental impacts of plant operations.

Sincerely,



S.E. Donelson

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