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December 21, 1979
GQL 1509

Mr. John T. Collins
Deputy Director - TMI Support
Nuclear Regulatory Commission
Three Mile Island - Trailer #7
Middletown, Pennsylvania 17057

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
License No. DPR-73
Docket No. 50-320
Recovery Program Reports

Enclosed please find the current schedule information which you requested in your letter of December 3, 1979.

Sincerely,

R. F. Wilson
Director, TMI-2

RFW:rdg

Enclosures

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ADD: 42 ENC
T. ABELL , ,
S. HARI , ,
H. BERTOW , ,

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- Item 1: Documentation of dewatering study for EPICOR-I resin liners.
- Response 1: Documentation of dewatering study for EPICOR-I resin liners was transmitted to the NRC on Monday, December 3, 1979. See letter R. Wilson to J. Collins, December, 1979 - same subject.
- Item 2: Formal response from Met-Ed on disposition of processed water from TMI-2.
- Response 2: Studies on the three or four preferred options for disposal of TMI-2 processed water will be made available to the NRC prior to the end of January.
- Item 3: Proposed methods for processing the higher activity waters in the primary system and containment building (Submerged Demineralizer System)
- Response 3: A technical evaluation report on the SDS System is scheduled to be made available to the NRC in February, 1980. Design criteria documents have previously been transmitted to the NRC, have been commented on, and the NRC has been kept informed on the engineering work underway. Please be advised that modifications to the SDS system are currently being examined, as well as an alternate means of processing which is being studied by the Oak Ridge National Laboratory. These alternative studies could influence the availability of the Technical Evaluation report.
- Item 4: Proposed method for processing the decon solutions generated from cleanup of the containment building and primary system (Evaporator /Solidification Systems).
- Response 4: Engineering work has been proceeding for some time on the Evaporator/Solidification processing system for decontamination water. Our current work schedule submittal shows a report date for April, 1980.
- Item 5: Proposed method for solidifying resins from EPICOR-II.
- Response 5: Preliminary proposals on EPICOR-II resin solidification have been received. These are currently being examined and a recommendation will be made to the NRC in February, 1980. It should be noted that all vendor information suggest a need for transferring resins and therefore, the construction of a complex facility. We consider this undesirable and are exploring additional alternatives which could impact the February date.

Item 6: Deleted

Item 7: Proposed schedule for installing monitoring wells around TMI-2 containment building.

Response 7: Recommendations, final specifications and schedule for installation of monitoring wells has been submitted to the NRC (reference letter R. F. Wilson to J. T. Collins, December 12, 1979, GQL 1538).

Item 8: Program plan for processing water in auxiliary building.

Response 8: A revised program plan for processing auxiliary building water will be available for submission to the NRC in January, 1980.

Item 9: Program for storing water after processing.

Response 9: A program plan for long term water management and storage at the TMI site has been under study. It is expected the plan will be submitted to the NRC by May, 1980.

Item 10: Documentation of resin column studies for submerged demineralizer system.

Response 10: Final large scale resin column studies for the SDS system have not been initiated by Oak Ridge National Laboratory. It is currently expected these tests and a report will be completed by February, 1980.

Item 11: Documentation of EPICOR-II performance.

Response 11: The performance of EPICOR-II through the first several batches of water has been documented and provided to the NRC on November 27, 1979. A total summary report on the first several months of EPICOR-II performance will be prepared in early 1980. This report will be made available to the NRC in April, 1980.

Item 12: Long-term plan for storing solid radwaste on-site other than EPICOR-II liners.

Response 12: Solid radwaste staging planning for TMI is currently proceeding on the basis of a near term interim facility and a longer term facility. Recommendations and preliminary specifications for the interim facility will be transmitted to the NRC in February, 1980. Recommendations for long term staging are being assessed by the Bechtel Corporation and will be provided to you by April, 1980.

Item 13: Proposed program for auxiliary building sump and associated tanks.

Response 13: The decontamination plan for the auxiliary building sump and tanks will be transmitted to the NRC in January, 1980.

Item 14: Documentation of HEPA/Charcoal change out in auxiliary building/fuel handling building.

Response 14: Documentation will be transmitted in January, 1980. Effort is currently underway in changing out the HEPA/Charcoal filters and this work is expected to be completed prior to the end of the calendar year.

Item 15: Status of fire protection for solid radwaste on-site staging facility (Paint Shed).

Response 15: All engineering is complete for a sprinkler system and fire hydrants for protection of the on-site radwaste storage facility (Paint Shed). Material ordering has been underway the past two weeks and it is expected that installation work will start early January. Our schedules indicate completion of all work, pending confirmation of material availability, in mid-March, 1980. The new fire detector system will be in operation by December 26, 1979. Portable equipment will be stationed at the facility until completion of the permanent water system.