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Wayne H. Jens  
Vice President  
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Edison

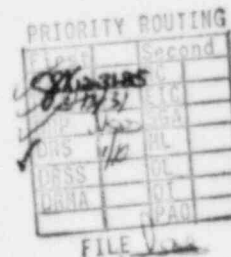
Fermi-2  
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Newport, Michigan 48166  
(313) 586-4150



Nuclear  
Operations

December 26, 1985  
VP-85-0230

Mr. James G. Keppler  
Regional Administrator  
Region III  
U. S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137



Dear Mr. Keppler:

- Reference: (1) Fermi 2  
NRC Docket No. 50-341  
NRC License No. NPF-43
- (2) Letter, C.E. Norelius to W.H. Jens  
November 26, 1985 (Vendor Report No.  
9990101 5/85-01)

Subject: Equipment Procured from Exo Sensors, Inc.

Reference 2 transmitted an NRC Vendor Programs Branch Inspection Report which describes a number of deficiencies in the implementation of the Exo Sensors QA Program. These deficiencies were identified by an NRC inspection in May of 1985 to investigate allegations regarding the Exo Sensors QA Program.

This letter describes the measures taken by Detroit Edison, both before and after shipment of the subject equipment to Fermi 2, which provide assurance that the installed equipment is acceptable for its intended use.

In summary, Fermi 2 had experienced difficulty with this vendor before the NRC inspection in May and had adopted a strategy of direct control to provide assurance that the Exo Sensors units conform with contract requirements. Our engineering staff has spent a total of 28 mandays at the Exo Sensors facility, QA spent 5 mandays, and our purchasing inspectors spent a total of 22 mandays in 9 separate inspection visits. Of the 55 days, 36 were before the NRC visit in May of 1985.

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The shipment of our panels was delayed several months due to defects noted by our inspectors and the required re-work and re-test. Engineering documents were rejected and returned for additional work. In some cases Edison engineering performed detailed reviews of documents at the Exo Sensors facility and personally explained our concerns to Exo Sensors management.

To substantiate some environmental qualifications, Edison has performed independent laboratory testing and in one case a component was eliminated and in-plant wiring was modified to provide motor-start from a separate system.

When the panels were shipped to Fermi 2, documentation was still not totally acceptable so partial payment was withheld and the units were placed on conditional release until all questions were resolved. The units were declared fully acceptable on November 23, 1985 following acceptance of all documentation and successful preoperational functional test.

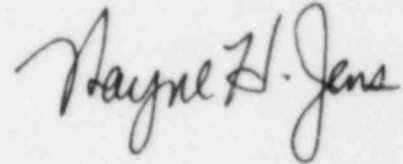
In reviewing the nonconformances identified in the NRC's report to Exo Sensors, we feel that the direct control strategy exercised by Detroit Edison and the functional tests conducted both before shipment and again after installation provide adequate assurance that these units are acceptable for operation. We have compiled an index of events (transactions, inspections, tests, meetings, significant document transmittals, etc.) that provide evidence of the extraordinary measures taken to assure conformity of these units.

Continued acceptability will be maintained through Detroit Edison's QA program. Currently, Detroit Edison is investigating a potential defect identified to us by Exo Sensors on December 10, 1985. Resolution and any necessary repair work is being tracked via the Deviation Event/Report (DER) process.

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We trust this letter satisfactorily responds to your request. If you have any questions regarding this matter, please contact Mr. Joseph Conen, (313) 586-5083.

Sincerely,

A handwritten signature in cursive script, reading "Wayne H. Jens". The signature is written in dark ink and is positioned to the right of the "Sincerely," text.

cc: P. M. Byron  
M. D. Lynch  
G. C. Wright  
USNRC, Document Control Desk  
Washington, D.C. 20555