

May 19, 2005

John Gisclon
EPRI Project Manager, ICET
Electric Power Research Institute
P.O. Box 1256
Ashland, OR 97520

SUBJECT: REQUEST FOR ICET RUNS 1 - 3 ARCHIVAL MATERIAL

Dear Mr. Gisclon:

In an email dated May 6, 2005 (Enclosure 1), you requested that Nuclear Regulatory Commission (NRC) staff provide various archival materials from the Integrated Chemical Effects Testing (ICET) program so that industry can conduct additional testing. The ICET testing is being conducted under a memorandum of understanding (MOU) addendum that specifies the cost sharing arrangement between the Electric Power Research Institute (EPRI) and the NRC (Enclosures 2 and 3). Because of this arrangement, it is appropriate for EPRI to have custody of a portion of the archival materials developed by this testing. A summary of the type and amount of the archival materials available to EPRI is provided in the table below .

ICET Run	Archival Material	Amount Archived	Amount to be transferred to EPRI
1	Sludge formed as tank discharge cooled	Four 5- gallon buckets	Two 5-gallon buckets
1	Fiberglass insulation from submerged region of test tank	Approximately 3,000g	Approximately 2,000g
1	Sediment	Approximately 300g (wet)	Approximately 150g (wet), Note 2
2	Fiberglass insulation from submerged region of test tank	Approximately 3,000g	Approximately 2,000g
2	End of run discharge fluid	Five 55-gallon barrels; one only partially filled	Two 55-gallon barrels
2	Sediment	Approximately 260g (wet)	Approximately 130g (wet), Note 2
3	End of run discharge fluid	Four 55-gallon barrels	Two 55-gallon barrels
3	Fiberglass insulation from submerged region of test tank	Approximately 750g	Approximately 500g
3	Sediment, including cal sil, latent debris and reaction products	Four 5-gallon buckets	Two 5-gallon buckets

Note 1. Industry shall be provided approximately 2/3 of post-test insulation by weight. The sample provided shall contain representative amounts of material from throughout the insulation sample holders.

Note 2. If sediment weight has changed due to additional loss of moisture content, industry shall receive one-half of the sediment material by weight.

As the Chief of the Engineering Research Applications Branch which has oversight of the ICET project, I authorize that the custody of various amounts of this archival material shall be transferred to you, the EPRI project manager. The amount of each archival material to be transferred to you is also indicated in the above table. I further grant you custody of similar percentages and types of materials from ICET runs 4 and 5. The exact types and amounts of material will be determined after each of these subsequent tests are complete through mutual consent with the NRC ICET project manager.

It is understood that industry will facilitate and incur all costs associated with accumulating, packing, and transporting this transferred material to designated locations. I encourage you to communicate publicly to the NRC staff your plans for testing or characterization of this material prior to the onset of such testing. I also encourage you to publicly communicate the results in a timely manner after the completion of any subsequent testing or characterization.

If you require any additional information or have questions regarding this response, please contact Robert L. Tregoning at 301-415-6657 or via email at rlt@nrc.gov.

Sincerely,

/RA/

Michele G. Evans
Engineering Research Applications Branch
Division of Engineering Technology
Office of Nuclear Regulatory Research

- Enclosures:
1. Email from J. Gisclon to B. Jain and R. Tregoning, Subject: ICET Archival Material for Industry Testing, dated May 6, 2005.
 2. "Addendum on Integrated Chemical Effects Testing for PWR ECCS Recirculation," MOU on Cooperative Nuclear Safety Research Between NRC and EPRI, signed October 10, 2004.
 3. "Addendum on Integrated Chemical Effects Testing for PWR ECCS Recirculation, Revision 1," MOU on Cooperative Nuclear Safety Research Between NRC and EPRI, signed May 3, 2005.

