

Dr. Michael Allen  
 Division 6422  
 Sandia National Laboratories  
 P.O. Box 5800  
 Albuquerque, NM 97185

JUN 14 1994

Dear Dr. Allen:

SUBJECT: DISPOSITION OF THE SURTSEY VESSEL

The last hydrogen test in the SURTSEY facility at SNL was conducted on May 16, 1994. This concluded all the hydrogen tests in SURTSEY as requested by NRR. Although the SURTSEY facility is suitable for conducting tests to study the passive autocatalytic recombiner performance or testing hydrogen distribution/stratification in containment, NRR has not requested such testing. Hence, no further use of the SURTSEY vessel for hydrogen testing is envisaged.

On May 25, 1994, we received a fax from you proposing to perform testing on a pad located near the SURTSEY vessel to demonstrate a technique for co-ejection of water with molten thermite, related to the DCH confirmatory testing for the CE geometry. This does not involve the use of the SURTSEY vessel itself. However, if this test is successful, it is our intention to run a similar test inside the SURTSEY vessel if the CTT facility is not available.

Since we can not identify any use for the SURTSEY vessel beyond that described above, we intend to abandon the vessel in place at SNL. Therefore, we expect no maintenance charge for the SURTSEY vessel after the middle of July 1994 against SNL Job Code W6162 (DCH testing), or against any other AEB program.

Sincerely,

Farouk Eltawila, Chief  
 Accident Evaluation Branch  
 Division of Systems Research  
 Office of Nuclear Regulatory Research

Distribution:  
 DSR Chron, AEB r/f  
 Lee r/f, Lee, Tinkler, King, Hodges  
 Name: FE0525.94 Disk: R. Lee 3

CF	Y	N
PDR	Y	N

\*Previously concurred.

OFFICE:	DSR/RES/AEB	AEB	AEB	AEB	DSR	DSR
NAME:	*Lee/pan	*Malliakos	*Tinkler	*Eltawila	King	Hodges
DATE:	6/9/94	6/9/94	6/10/94	6/10/94	6/14/94	6/14/94

9406200332 940614  
 PDR ORG NREA

OFFICIAL RECORD COPY  
 (RES File Code) RES 2C-2

PDR

02

NRG FILE CENTER COPY

DF03/0

Dr. Michael Allen  
 Division 6422  
 Sandia National Laboratories  
 P.O. Box 5800  
 Albuquerque, NM 87185

Dear Dr. Allen:

SUBJECT: DISPOSITION OF THE SURTSEY VESSEL

The last hydrogen test in the SURTSEY facility at SNL was conducted on May 16, 1994. This concluded all the hydrogen tests in SURTSEY as requested by NRR. Although the SURTSEY facility is suitable for conducting tests to study the passive autocatalytic recombiner performance or testing hydrogen distribution/stratification in containment, NRR has not requested such testing. Hence, no further use of the SURTSEY vessel for hydrogen testing is envisaged.

On May 25, 1994, we received a fax from you proposing to perform testing on a pad located near the SURTSEY vessel to demonstrate a technique for co-ejection of water with molten thermite, related to the DCH confirmatory testing for the CE geometry. This does not involve the use of the SURTSEY vessel itself. However, if this test is successful, it is our intention to run a similar test inside the SURTSEY vessel if the CTT facility is not available.

Since we can not identify any use for the SURTSEY vessel beyond that described above, we intend to abandon the vessel in place at SNL. Therefore, we expect no maintenance charge for the SURTSEY vessel after the middle of July 1994 against SNL Job Code W6162 (DCH testing), or against any other AEB program.

Sincerely,

Farouk Eltawila  
 Accident Evaluation Branch  
 Division of Systems Research  
 Office of Nuclear Regulatory Research

Distribution:  
 DSR Chron, AEB r/f  
 Lee r/f, Lee, Tinkler, King, Hodges  
 Name: FE0525.94 Disk: R. Lee 3

CF	<input checked="" type="checkbox"/>	N
PDR	<input checked="" type="checkbox"/>	N

\*Previously concurred.

OFFICE:	DSR/RES/AEB	AEB	AEB	AEB	DSR	DSR
NAME:	*Lee/pan	*Malliakos	*Tinkler	Eltawila <i>FE</i>	King <i>King</i>	Hodges
DATE:	6/9/94	6/9/94	6/10/94	6/10/94	6/14/94	

OFFICIAL RECORD COPY  
 (RES File Code) RES 2C-2

Dr. Michael Allen  
 Division 6422  
 Sandia National Laboratories  
 P.O. Box 5800  
 Albuquerque, NM 87185

Dear Dr. Allen:

SUBJECT: DISPOSITION OF THE SURTSEY VESSEL

The last hydrogen test in the SURTSEY facility at SNL was conducted on May 16, 1994. This concluded all the hydrogen tests in SURTSEY as requested by NRR. Although the SURTSEY facility is suitable for conducting tests to study the passive autocatalytic recombiner performance or testing hydrogen distribution/stratification in containment, NRR has not requested such testing. Hence, no further use of the SURTSEY vessel for hydrogen testing is envisaged.

On May 25, 1994, we received a fax from you proposing to perform testing on a pad located near the SURTSEY vessel to demonstrate a technique for co-ejection of water with molten thermite, related to the DCH confirmatory testing for the CE geometry. This does not involve the use of the SURTSEY vessel itself. However, if this test is successful, it is our intention to run a similar test inside the SURTSEY vessel if the CTT facility is not available.

Since we can not identify any use for the SURTSEY vessel beyond that described above, we intend to abandon the vessel in place at SNL. Therefore, we expect no maintenance charge for the SURTSEY vessel after the middle of July 1994 against SNL Job Code W6162 (DCH testing), or against any other AEB program.

Farouk Eltawila  
 Accident Evaluation Branch  
 Division of Systems Research

Distribution:

DSR Chron, AEB r/f  
 Lee r/f, Lee, Tinkler, King, Hodges  
 Name: FE0525.94 Disk: R. Lee 3

CF	Y	N
PDR	Y	N

\*Previously concurred.

OFFICE:	DSR/RES/AEB <i>CGT</i>	AEB	AEB	AEB	DSR	DSR
NAME:	*Lee/pan <i>for</i>	*Malliakos	Tinkler <i>CGT</i>	Eltawila <i>FE</i>	King	Hodges
DATE:	6/9/94	6, 9/94	6/10/94	6/10/94		

Dr. Michael Allen  
 Division 6422  
 Sandia National Laboratories  
 P.O. Box 5800  
 Albuquerque, NM 87185

Dear Dr. Allen:

SUBJECT: DISPOSITION OF THE SURTSEY VESSEL

The last hydrogen test in the SURTSEY facility at SNL was conducted on May 16, 1994. This concluded all the hydrogen tests in SURTSEY as requested by NRR. Although the SURTSEY facility is suitable for conducting tests to study the passive autocatalytic recombiner performance or to test hydrogen distribution/stratification in containment, NRR has not requested such testing. Hence, no further use of the SURTSEY vessel for hydrogen testing is envisaged.

On May 25, 1994, we received a fax from you proposing to perform testing on a test pad located near the SURTSEY vessel to demonstrate a technique for co-ejected water with molten thermite related to the DCH confirmatory testing for the CE geometry. This does not involve the use of the SURTSEY vessel itself.

Since we can not identify any use for the SURTSEY vessel, we intend to abandon the vessel in place at SNL. We expect no maintenance charge for the SURTSEY vessel beyond the middle of May 1994 against SNL Job Code W6162 (DCH testing).

Farouk Eltawila  
 Accident Evaluation Branch  
 Division of Systems Research

Distribution:

DSR Chron, AEB r/f  
 Lee r/f, Lee, Tinkler, King, Hodges

Name: FE0525.94 Disk: R. Lee 3

CF	Y	N
PDR	Y	N

OFFICE:	DSR/RES/AEB	AEB	AEB	AEB	DSR	DSR
NAME:	Lee/pan <i>pl</i>	Mal <i>akos</i>	Tinkler	Eltawila	King	Hodges
DATE:	6/9/94	6/7/94				

OFFICIAL RECORD COPY

(RES File Code) RES 2C-2