

REACTOR SAFETY COMMITTEE MEETING

NOVEMBER 23, 1993

AGENDA

1. Election of Dr. Tom Gesell as alternate chair of the Reactor Safety Committee.
2. Discussion of Notification of Violations letter from the NRC dated November 1993.
3. Other Business.

Minutes of the Idaho State University
Reactor Safety Committee

Date: November 23, 1993
Start time: 7:15 P.M.
End time: 8:45 P.M.

Members Present:

Dr. Tom Gesell, Radiation Safety Officer
Dr. Hary Charyulu, Reactor Administrator
Mr. R. David Clovis, Reactor Supervisor
Dr. Frank Harmon
Mr. Terry Smith

Others Present:
none

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1. The meeting was called to order by the Reactor Administrator at 7:15 P.M.
2. Dr. Tom Gesell was appointed the Reactor Safety Committee Chair alternate.
3. There was a broad discussion of all Nuclear Regulatory Commission (NRC) cited violations and deviations of the August 1993 inspection. The corrective actions in place and those to be taken were reviewed. After the review, it was agreed that all corrective actions will be in place by March 31, 1994. By April 30, 1994, the Reactor Safety Committee (RxSC) will perform a review regarding the implementation of the corrective actions. Also, the RxSC will perform an ongoing review, effective immediately, to ensure corrective actions either been or are carried out. This is a three step process:
 - a) The RxSC finds the methods to be used or that have been used to perform corrective actions for the deviations and violations as satisfactory.
 - b) The RxSC will ensure that all corrective actions will be in place by March 31, 1994.
 - c) The RxSC will conduct an on-going review between now and March 31, 1994 to ensure that the corrective actions are implemented in a timely fashion.
4. Dr. Frank Harmon suggests that the Institute of Environmental Health and Safety at Idaho State University review and upgrade (if needed) the Reactor Emergency Plan.
5. Dr. Tom Gesell informed the RxSC that the Memorandum's of Understanding (MOU) between the university and off-campus emergency response organizations have been sent out and that three of four entities have responded regarding tentative approval of the MOU's.
6. A motion was made to approve the plan to implement all corrective actions, regarding the deviation and violations. The motion was passed unanimously.

7. Mr. Terry Smith would like the RxSC to consider giving authority to an approval subcommittee with regards to approving new or revised procedures, experiments, or configurations.

8. The meeting was adjourned at 8:45 P.M.

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IDAHO STATE UNIVERSITY
MONTHLY REACTOR REPORT
SEPTEMBER 1993

Prepared by:

R. David Clovis
Reactor Supervisor

11/05/1993

RESPONSE(S) NEEDED FROM:

- CHAIR, REACTOR SAFETY COMMITTEE
- REACTOR ADMINISTRATOR
- RADIATION SAFETY OFFICER
- SENIOR REACTOR OPERATORS:

REACTOR OPERATORS:

OTHERS:

ISU AGN-201 REACTOR REPORT - SEPTEMBER 1993

- 1.a. There were no changes to the facility design, performance characteristics, or operating procedures relating to reactor safety.
- b. Results of major surveillance tests and inspections:
Completed MP-I Rod Maint. on 09/07/1993.
Completed Technical Specification (TS) 4.3.b Shield tank inspection for leakage on 09/30/1993.
2. The reactor was operated a total of 35.45 hours during 23 individual operations.

<u>Individual Operator Run Times</u>		
R. David Clovis	20 hours	16 operations
Dr. A.E. Wilson	15 hours	7 operations
<u>Trainee Operations</u>		
Kermit Bunde	9 operations	
Dale Boren	2 operations	
Bob Boston	4 operations	
Bruce Jensen	3 operations	
3. There were no unscheduled shutdowns.
4. Corrective Maintenance:
Replaced the Reactor Console "Power On" indicator light bulb.
Adjusted #1 Safety Rod drive worm gear output shaft.
- 5.a. There were no changes to the facility to the extent that it changed the description of the facility in the application for license or amendments thereto.
- b. There were no changes to the facility procedures as described in the facility TS.
- c. There were no new experiments or test performed.
6. There were no new safety evaluations written, because no new experiments or test were performed.
7. Summary of the nature and amount of radioactivity effluents released or discharged to the environs:
 - a. Liquid waste - none
 - b. Airborne waste - none
 - c. Solid waste- none
8. There were no environmental radiological surveys performed outside the facility.
9. Personnel Radiation Exposure:

Third quarter radiation exposure results are not back from Landauer as of yet.

The only recorded exposure to date for the calendar year is for:

R. David Clovis 40 mrem

ITEMS SCHEDULED FOR OCTOBER 1993

Maint. and Surveillance:

- TS 4.1.a Estimates for Safety and Control rod reactivity worths.
- TS 4.1.b Shutdown margin and excess reactivity
- TS 4.2.a Scram time and average reactivity insertion rate
- TS 4.2.b Seismic displacement interlock channel test

Other:

NRC Enforcement Conference	10/08/1993
TRTR Meeting	10/19-22/1993
NRC Operator Licensing Exams	10/25-27/1993
Fuel status report due	10/25/1993

ITEMS SCHEDULED FOR NOVEMBER 1993

Requalification:

Dr. A.E. Wilson	written and console exam
R. David Clovis	console exam

Emergency and Security Plan:

- Hold Emergency Plan and Security Plan training with university personnel.
- Hold the annual emergency drill.