

UNIVERSITY OF UTAH
NUCLEAR ENGINEERING LABORATORY
MAINTENANCE LOG

The Maintenance Log provides a written record of all important maintenance activities performed that are associated with the equipment, facilities or components on either the AGN-201 or TRIGA Nuclear Reactors. All maintenance activities that effect any reactor safety system must be approved before commencement by the Reactor Supervisor (RS) or an approved Senior Reactor Operator (RSO) who will determine the servicing and documentation procedures required.

Minimum data to be provided in each maintenance log entry includes the date the entry was made (or date the maintenance activity was performed), a description of the maintenance activity including components serviced and servicing or testing performed, and the person making the entry in the log. If the maintenance activity is performed on a system component of either reactor which may involve the performance of a safety system or chemical then additional servicing and information may be required by the Technical Specifications or other documents (e.g., 10 CFR 50.59, Quality Assurance, etc.). Such activities must be reviewed for component Quality Assurance and analyzed as per the requirements of 10 CFR 50.59 by the Reactor Supervisor. All serviced reactor components must be verified as operational before returning to service.

SAMPLE FORMAT FOR ENTRIES IN MAINTENANCE LOG:

DATE HEADING OF MAINTENANCE ACTIVITY

NOTE: A brief description of maintenance activity to be performed and analysis of safety issues if safety systems components are involved. This entry requires the approval signature of an RS or RSO.

---- FULL DESCRIPTION OF MAINTENANCE ACTIVITY PERFORMED ----

NOTE: Include a 10 CFR 50.59 analysis, if required. Include a statement indicating verification of operability of serviced system or component before returning to service.

SIGNATURE OF PERSON MAKING ENTRY

Form approved by Reactor Safety Committee:

Reactor Administrator: *Shirley K. Houtch* Date: July 7, 1988