

Kessie

Date: Wed, 8 Mar 1995 11:17:50 -0700 (MST)
From: "Wayne C. Jouse" <jouse@aruba.ccit.arizona.edu>
To: robert brill <rwb2@nrc.gov>
Subject: Bi_Monthly for Jan 1 - Feb 28, 1995

Robert, please find attached the text of the bi-monthly for the last two months. The text, and its accompanying table, is being mailed today.

Regards, Wayne

Dear Mr. Brill:

Please find enclosed the joint bi-monthly, for the period 1/3/95 to 02/28/95, a Report for USNRC Grant NRC-04-93-089.

At this time we completed Tasks 19 and 20 of the timeline dated 7/11/94, Applic Testing, and are planning the Develop of the Time Series, Task 21. We have devel RELAP5 TCV controller model for the Palo Verde Station. The control system mode regulates the turbine speed about 1800 RPM.

We are in the process of developing a fault model for the controller. In particu the Salem turbine speed control failure for possible failure mode mechanism mod researching software-based failure modes and effects in the literature. After se been identified, they will be modeled in the RELAP5 model, and time series data mode.

The Table attached below contains the anticipated schedule for the first half of normal academic cycle considerations - it is desirable to accomplish time-intens summer months when the graduate assistants have fewer responsibilities. The int accomplished the core tasks by the end of the upcoming summer, i.e., application techniques to the problem of identifying faulted or anomalous controller behavio summer, we will reassess the progress we have made with respect to the objective project.
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