



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
WASHINGTON, D. C. 20555

November 19, 1982

REPORT FOR: Dr. Dade Moeller, ACRS Member  
FROM: Mr. Christopher Ryder, ACRS Fellow *Ryder*  
SUBJECT: Report on the Comparison of the Systematic Assessment  
of Performance Evaluation and the Total Outage Rates of  
Commercial Nuclear Power Plants

I compared the Systematic Assessment of Performance (SALP) evaluations of nuclear power plants with the total outage rates of nuclear power plants. The SALP is a qualitative rating of reactors that is done by the NRC. The total outage rate for each reactor is the total number of outages per year.

I found that the total outage rate is about 15/year for reactors rated "above average" and "average". The outage rate is about 25/year for reactor rated "below average." A discussion of these rates is included in the attached report.

cc: ACRS Members  
ACRS Technical Staff  
ACRS Fellows