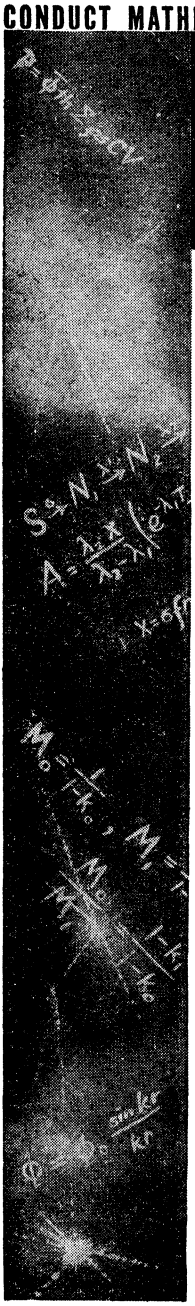
mathematicians, PHYSICISTS, ENGINEERS, EE, ME

CONDUCT MATHEMATICAL ANALYSES OF REACTOR PROBLEMS INVOLVING



50 INDEPENDENT VARIABLES

The complexity of the mathematical problems involved in the design of a reactor for aircraft nuclear propulsion at General Electric has led mathematicians to develop new techniques in the statistical design of experiments, of interest to both applied scientists and theoreticians. At this time a number of positions are open with groups working on these problems:

APPLY *advanced mathematical procedures and approaches in resolving diverse and complex problems in areas of aircraft nuclear power plant design and development. Requires experience in utilization and capability of high speed computers. (PhD, MS)*

CONDUCT *theoretical investigation of the effect of neutrons and photons on matter. (PhD)*

CARRY OUT *engineering analysis of physical systems in electro-mechanical areas, deriving equations associated with systems study, developing generalized digital programs for parametric study. (PhD, MS)*

ANALYZE *and simulate nuclear powerplant control systems, through the use of analog computers. Develop controls systems integration. (MS, BS)*

ALSO – *EE with 1 year's experience, to assume operating responsibility for data reduction equipment. Develop data reduction techniques, formulate engineering analysis computer programs.*

MATHEMATICIANS, ENGINEERS and SCIENTISTS who value the opportunity to do original work with a company that fosters free inquiry and initiative, are invited to inquire about positions now open in the above areas. Please include salary requirements with resume.

Write to Mr. P. W. Christos, Div. 123-ME

AIRCRAFT NUCLEAR PROPULSION DEPARTMENT

GENERAL ELECTRIC

P.O. Box 132 Cincinnati 15, Ohio