Abstract. The GNP project is an outgrowth of our work over the past few years in the area of man-machine system representation and modelling - particularly with an eye towards studying the activities of diagnosis and decision making in connection with complex technical systems. Previous publications have dealt with the conceptual basis for this work (refs. (4), (5), (6), (8), (9)). However, there was felt to be a need for a realistic test bed of a reasonable (and variable) complexity for evaluating the concepts by means of a suitably designed experimental program. This paper will thus describe the so-called GNP project and the associated activity to date. The following points will be covered:

- GNP as a prototypical process
- GNP as a simulation
- The current GNP experimental setup at Risø
- Initial GNP
- Experiments at Risø
- Planning
- Experience to date

General information
Publication status: Published
Organisations: Risø National Laboratory for Sustainable Energy
Contributors: Goodstein, L., Hedegård, J., Højberg, K. S., Lind, M.
Number of pages: 25
Publication date: 1984

Publication information
Place of publication: Roskilde
Publisher: Danmarks Tekniske Universitet, Risø Nationalaboratoriet for Bæredygtig Energi
ISBN (Print): 87-550-1050-4
Original language: English
(Risø-M; No. 2460).
Keywords: Risø-M-2460, Computer graphics, Computerized simulation, Diagnosis, Education, Flow models, Functional analysis, Human factors, Man-machine systems, Monitoring, Nuclear power plants, Reactor operators, Reactor simulations
Electronic versions:
RiSOM2460.pdf
Source: orbit
Source ID: 280703
Research output: Book/Report » Report – Annual report year: 1984 » Research » peer-review