

**ENESCU, Marian, *Computer Aided Risk Management of Large Combustion Plants***

**Abstract:** This paper considers the risk management of Large Combustion Plants (LCP) by specialized information systems. A Computer Aided Risk Management System (CARMS) based on SCADA systems and data management procedures, Human Resources Management, and Security Management is proposed. Data models about risks, and their treatment are recorded by special registers/directories. This paper describes the CARMS-LCP requirements and features to be implemented in order to assist top management of LCP based enterprises.

**Keywords:** LCP, SCADA, computer aided risk management, data modelling, information systems modelling

**AMS Classification:** Primary 68U35; Secondary 68N01.