

## VIEWS AND KNOWLEDGE OF PRESERVICE SCIENCE TEACHERS ABOUT NUCLEAR POWER PLANTS

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### ABSTRACT

The world is facing with problems having three aspects which are energy, economy and environment. These problems are generally controversial. In recent years Turkey also encounters such a controversial issue and decision making on this issue seems difficult. The government is planning to construct a nuclear power plant on the south part of Turkey. Nuclear energy is considered as one of the science and technology issues for which there is a debate between specialists and public. Therefore in this study, we investigated the views and knowledge of preservice science teachers about nuclear power plant using a quantitative method. The instruments were developed by the researcher and both had a good internal consistency. The results showed that preservice science teachers had negative views about construction of nuclear power plant and were knowledgeable at a moderate level.

**Key Words:** Views on nuclear power plant, preservice science teacher, knowledge about nuclear power plant.