

Nuclear Energy Reality in Turkey and the Attitude of the Science Teachers towards the Issue

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ABSTRACT This research has been conducted to briefly handle the issue of nuclear power plants and the use of nuclear energy that has been occupying the agenda in Turkey in recent years and also to determine the stance of science teachers on the issue. To this end, literature review was carried out and an attitude scale was developed by the researcher in order to establish the stance of teachers on nuclear power plants and the use of nuclear energy. Validity and reliability of this scale was tested and the Cronbach alpha reliability coefficient was found to be 0.91. First off, frequency distribution given as descriptive statistics and then Kruskal-Wallis test that is among non-parametric inferential statistics for comparing the groups, and also Spearman's correlation coefficient analysis studies were conducted in the study. At the end of the study, in terms of gender, while male science teachers exhibited a positive attitude towards nuclear energy and technology, female science teachers had a negative attitude towards the issue. In terms of branches, science teachers generally demonstrated a positive stance on nuclear energy and its technology in general. A significant correlation was not found between the years science teacher have been working in the occupation and their attitude towards nuclear energy and its technology.