

Nuclear Energy the best alternative in alleviating global warming

By:

Mehrdad Malaki Khoshkbijari , Moghadam.M.Kh

Mirza Koochek Khan Higher Fisheries Vocational Education Centre
Km5. Rasht Industrial City Rasht – I.R.Iran Post code: 74376 .P.O. box: 41635-3836

TEL:01313382352-3 .FAX:01313382354. E-mail: malk138510@yahoo.com

Abstract:

During the last century, the average temperature of the earth has abnormally increased by 0.74 c , causing concern among scientists .Some experts believe that the earth has experienced the warmest years during the last decades of 20th century , to the extent that the last 400 years have been the warmest years . The reports 2007 suggest that the hottest periods recorded occurred 1990 – 2007 which was a record high during the past 150 years. It seems that industrialization has contributed significantly to the global warming.

The measurement of earth temperature dates back to 1880 which has continued up to the present time. It is also predicted that the year 2100 would witness an unprecedented high air temperature. Moreover, scientists have expressed grave concern about the occurrence of severe droughts, scorching heat and formidable storms which are yet to strike the earth in the year 2100.

According to the “International atomic agency” (IEA), nuclear energy is by far , the best and safest production source of electricity in the future due to it’s low emission rate of carbon dioxide.

However , prior to making any commitment, it seem imperative to increase public awareness about the dire consequences of the continued utilization of fossil fuels. Based on research carried out by IEA, nuclear energy is superior to other sources of energy in two major respects: lack of any so-called greenhouse gas emission and the utilization of uranium as the single source the energy production.

The study aims at first; probing into the causes of global warming, the outcomes and ultimately provision of a way out of the problem and identifying the means to seriously cope with the problem .

Key word: Nuclear energy, Global warming.