

## عنوان مقاله:

Appropriate location for fission chamber detector in Tehran Research Reactor

## محل انتشار:

سومین کنفرانس بین المللی مهندسی برق (سال: 1397)

تعداد صفحات اصل مقاله: 9

## نویسنده:

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## خلاصه مقاله:

In this work, the fission chamber detector with 5 MW of power had tested in different locations of Tehran Research Reactor pool. If the detector was located at the distance of 1 meter from the eastern edge of the reactor and at the height of about 1.4 meters from the floor, it were the best location for detector counting but due to the different placements and displacements in western part of the reactor, it was not possible unfortunately. The dead time for 3 MW of power had been 1.67% which was the best result in comparison with Monte Carlo Code

## کلمات کلیدی:

Linear Behavior, Dead Time, Multichannel Analyzer (MCA), Feed Preamplicifier

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/831648>

