PT. Titis Sampurna is a company that provides NDT (Non Destructive Test) technically inspection which uses a dangerous radioactive material on their tests. They have to use a manual dose record to prevent accidents that are made from a radioactive material. Radiation protection officers still have a problem checking the record one by one, and sometimes radiation protection officers forget about calibration schedules of radiographic tools. To solve these problems, so we need to design an information system program that could automatically give a warning message to the PPR about worker dose radiation, medical checkup schedule, curie reload schedule’s time, and calibration schedule of radiographic tools.

This information system program will be designed by using two main programs, there are Microsoft Visual Basic 6.0 and Microsoft Access. Microsoft Visual Basic will be used to design the program interface and the program system. Then Microsoft Access will be used to design the database structures for the information source.

This designed information system program has the main purpose to give a warning message to the PPR if there’s a worker who exceeds the dose value limit and medical checkup schedule. This program also reminds the safety officer about the testing schedule of radiographic tools. Besides that, this program also could give a warning if the value of curie activity on a reloaded schedule’s time.

Key words: Program, Information System, Database.