

2nd Quarter 2015 PBE: Changes to 10 CFR 20 Dose Limits

On July 25, 2014, the NRC published for comment an advance notice of proposed rulemaking for potential changes to the NRC's current radiation protection regulations (10 CFR part 20). The NRC is currently in the process of collecting comments on the proposed rulemaking. The comment period has been extended to June 22, 2015.

The proposed changes that will affect Radiation Workers on campus include the following:

1. *Total Effective Dose Equivalent (TEDE)* listed on the NRC form 5s will now be referred to as *Total Effective Dose (TED)*.
2. The dose limit to an Embryo/Fetus of a Declared Pregnant Woman will decrease from 500 mrem during her gestation to 100 mrem (or less).
3. Align the occupational dose limits to current recommendations. This would result in potentially reducing annual limits for the following:
 - a. Whole body: from 5 rem per year to 2 rem per year
 - b. Lens of Eye: from 15 rem per year to 5 rem per year
4. Align all units in 10 CFR 20 with SI units vs. traditional units. (Units of "rem" and "Ci" would become units of "Sv" and "Bq")

EHS RS does not expect the rules to be finalized for another year or more. We will provide periodic updates as these items progress or when changes occur.

If you would like to comment on the proposed rulemaking, instructions can be found at:
<http://www.gpo.gov/fdsys/pkg/FR-2015-03-18/html/2015-06244.htm>.