(c) An equivalent dose to the lens of
the eye of 15 rems (0.15 Sv); and
(4) The sum of the equivalent dose to
the skin or to any extremity for exter-
nal exposures and the committed
equivalent dose to the skin or to any
extremity of 50 rems (0.5 Sv).

(b) All occupational doses received
during the current year, except doses
resulting from planned special expo-
sures conducted in compliance with
§835.204 and emergency exposures au-
thorized in accordance with §835.1302,
shall be included when demonstrating
compliance with §§835.202(a) and
835.207.

(c) Doses from background, thera-
pic and diagnostic medical radi-
ation, and participation as a subject in
medical research programs shall not be
included in dose records or in the as-
sessment of compliance with the occu-
pational dose limits.

§835.203 Combining internal and ex-
ternal equivalent doses.

(a) The total effective dose during a
year shall be determined by summing
the effective dose from external expo-
sures and the committed effective dose
from intakes during the year.

(b) Determinations of the effective
dose shall be made using the radiation
and tissue weighting factor values pro-
vided in §835.2.

§835.204 Planned special exposures.

(a) A planned special exposure may be
authorized for a radiological worker
to receive doses in addition to and ac-
counted for separately from the doses
received under the limits specified in
§835.202(a), provided that each of the
following conditions is satisfied:

(1) The planned special exposure is
considered only in an exceptional situ-
ation when alternatives that might
prevent a radiological worker from ex-
ceeding the limits in §835.202(a) are un-
available or impractical;

(2) The contractor management (and
employer, if the employer is not the
contractor) specifically requests the
planned special exposure, in writing;

(3) Joint written approval is received
from the appropriate DOE Head-
quarters program office and the Secre-
tarial Officer responsible for environ-
ment, safety and health matters.

(b) Prior to requesting an individual
to participate in an authorized planned
special exposure, the individual’s dose
from all previous planned special expo-
sures and all doses in excess of the oc-
cupational dose limits shall be deter-
mined.

(c) An individual shall not receive a
planned special exposure that, in addi-
tion to the doses determined in
§835.204(b), would result in a dose ex-
ceeding the following:

(1) In a year, the numerical values of
the dose limits established at
§835.202(a); and

(2) Over the individual’s lifetime, five
times the numerical values of the dose
limits established at §835.202(a).

(d) Prior to a planned special expo-
sure, written consent shall be obtained
from each individual involved. Each
such written consent shall include:

(1) The purpose of the planned oper-
ations and procedures to be used;

(2) The estimated doses and associ-
ated potential risks and specific radio-
logical conditions and other hazards
which might be involved in performing
the task; and

(3) Instructions on the measures to
be taken to keep the dose ALARA con-
sidering other risks that may be
present.

(e) Records of the conduct of a
planned special exposure shall be main-
tained and a written report submitted
within 30 days after the planned special
exposure to the approving organiza-
tions identified in §835.204(a)(3).

(f) The dose from planned special ex-
posures is not to be considered in con-
trolling future occupational dose of the
individual under §835.202(a), but is to
be included in records and reports re-
quired under this part.

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FR 59682, Nov. 4, 1998]