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MEMO 4C-4/199

Date:	03 July 2012
To:	Distribution
From:	M.Mikhaylyukova, V.Pronyaev
Subject:	Reply to memo Memo CP-D/724, NRDC2012 A12 and C9.

In memo CP-D/724 it's proposed to use new code O in REL-REF to connect two Entries, published in one article.

This new rule was approved by NRDC2012 – C9 :

“A new related reference code O and its usage proposed in WP2012-12 was approved. The status code COREL will not be used for the purpose”

An example of such case is given in memo CP-D/724 as:

1. Two entries in two different areas (neutron and photon-induced reaction data)

TITLE Isomeric yield ratios in the productions of Sm-143-m,g,
Nd-141-m,g, Zr-89-m,g and Pd-109-m,g by 14 MeV neutrons
and 15-20.5 MeV bremsstrahlung

...

REFERENCE (J,BJP,14,152,1987)

Both neutron and photon reaction data given

REL-REF (O,G0004001,Hoang Dac Luc+,J,BJP,14,152,1987)

Photon induced reaction data compiled

In this example one article J,BJP,14,152,1987 is coded as REFERENCE and as REL-REF.

This example is in contradiction with main definitions of REL-REF:

in LEXFOR manual:

"Keyword REL-REF

A reference relating to, but **NOT DIRECTLY PERTAINING TO THE DATA GIVEN**,
may be entered under REL-REF."

in EXFOR manual:

"REL-REF. Used to give information on references related to,
but **NOT DIRECTLY PERTAINING TO**, the work coded."

According to these definitions -

an article has to be coded in REFERENCE **OR** in REL-REF lines, but **not in both**.

Proposal:

A.

To avoid inconsistencies and contradictions of this example with REL-REF definition in manuals,
do not include this example in manuals, LEXFOR "Reference", Compilation in separate entries.

Usage of a same reference as REFERENCE and as REL-REF in one ENTRY has to be forbidden. And
COREL in STATUS has to be used for such case - code COREL in STATUS line indicates clear to users, that

data are correlated: it means, that these data can have the same systematical uncertainties, what is useful information for users and can be taken into account in evaluations.

B.

If proposal A will not be accepted, then essential correction of LEXFOR and EXFOR manuals has to be done in REL-REF and COREL definitions and explanations. These corrections have to be proposed in a memo and discussed by NRDC before introducing in manuals.

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