**Nuclear Data Section**

**International Atomic Energy Agency**

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**Memo CP-D/955**

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**To:** Distribution

**From:** N. Otsuka, S. Selyankina

**Subject: Journal coverage (scanning of new publications)**

NDS maintains two lists of articles for EXFOR compilation:

* NewX4CoCoS: Articles found in regularly scanned journals
* OldX4CoCoS: Articles found during literature survey for a specific field (e.g., dosimetry), mainly from old journal volumes not covered by regular scanning.

The Article Allocation List (<https://www-nds.iaea.org/nrdc/alloc/>) summarizes these articles with links to Memos, and used by NDS to monitor progress in compilation and action.

There are some issues within the range of volumes/years but not scanned yet. We have filled such gaps for AE/T, AJ, AJ/L, AJ/S and ANE, and also plan to continue retroactive scanning for other journals.

**Journals covered by NewX4CoCoS (77 journals in total, 56 journals are being scanned)**(“From” and “To” fields give the range of the volumes (years) scanned. In “To” field, \*: currently scanned, !: scanning temporarily suspended due to absence of the responsible regular staff member, ?: not clear if it is regularly scanned.).

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| --- | --- | --- | --- |
| **Journal** | **From** | **To** | **Remark** |
| ACA | 555 (2006) | 580 (2006) | Stopped |
| AE/T | 94 (2003) | \* |  |
| AIP- | - | - | EXFOR related issues only. |
| AJ | 636 (2006) | 653 (2006) | Stopped. |
| 726 (2011) | \* | Scanned by NNDC |
| AJ/L | 636 (2006) | 653 (2006) | Stopped. |
| 726 (2011) | \* | Scanned by NNDC |
| AJ/S | 162 (2006) | 167 (2006) | Stopped. |
| 192 (2011) | \* | Scanned by NNDC |
| ANE | 27 (2000) | \* |  |
| ANP | 14 (2005) | 16 (2007) | Stopped |
| APP/B | 34 (2003) | ! |  |
| APPL/A | 82 (2006) | 85 (2006) | Stopped |
| APPL/B | 82 (2006) | 85 (2006) | Stopped |
| ARI | 54 (2001) | \* |  |
| BAS | 64 (2000) | \* | Scanned by CNPD + NDS |
| BJE | 50 (2004) | 52 (2006) | Stopped |
| CHP | 1 (1963) | ! |  |
| CJP | 81 (2003) | 82 (2004) | Stopped |
| CPH | 12 (2003) | 16 (2007) | Renamed to CPH/B. |
| CPL | 22 (2005) | ! |  |
| CZJ | 55 (2005) | 56 (2006) | Renamed to EPJ/D. |
| EPJ/A | 1 (1998) | \* |  |
| EPJ/AS | - | - | EXFOR related issues only. |
| EPJ/C | 45 (2006) | ! |  |
| EPJ/CS | - | - | EXFOR related issues only. |
| EPJ/ST | - | - | EXFOR related issues only. |
| EUL | 49 (2000) | 80 (2007) | Stopped |
| FED | 86 (2011) | ! |  |
| FIZ/B | 10 (2001) | 18 (2009) | Stopped |
| HFH | 36 (2014) | \* |  |
| IJP | 78 (2004) | \* |  |
| IMP/E | 14 (2004) | ! |  |
| IPA | 1 (1963) | \* | Old volumes scanned by NDPCI. |
| IPC | 94 (2004) | \* |  |
| IRE | 51 (2004) | 52 (2005) | Stopped. |
| ISINN- | 1 (1994) | ! |  |
| JAEA-C- | - | - | EXFOR related issues only. |
| JAP | 95 (2004) | 100 (2006) | Stopped. |
| JEL | 1 (1965) | ! |  |
| JET | 98 (2004) | ! |  |
| JLCR | 50 (2007) | 50 (2007) | Stopped. |
| JNRS | 1 (2000) | 11 (2010) | Stopped. |
| JP/CS | - | - | EXFOR related issues only. |
| JP/D | 38 (2005) | 39 (2006) | Stopped. |
| JP/G | 30 (2004) | \* |  |
| JPJ | 74 (2005) | \* | Scanned by JAEA+NDS. |
| JRN | 243 (2000) | \* |  |
| KPS | 1 (1968) | ! |  |
| KT | 69 (2004) | ! |  |
| NDS | - | - | EXFOR related issues only. |
| NF | 45 (2005) | 46 (2006) | Stopped. |
| NIM/A | 516 (2004) | \* |  |
| NIM/B | 213 (2004) | \* |  |
| NP/A | 697 (2002) | \* |  |
| NSE | 128 (1998) | \* |  |
| NST | 36 (1999) | \* |  |
| NSTP | - | - | EXFOR related issues only. |
| NSTS | - | - | EXFOR related issues only. |
| NT | 145 (2004) | ! |  |
| PAN | 63 (2000) | \* |  |
| PCN | 1 (2001) | 26 (2005) | Stopped. |
| PHE | 1 (1977) | 31 (2007) | Renamed to CPH/C. |
| PL/B | 65 (2005) | \* |  |
| PPN/L | 1 (2004) | ! |  |
| PPRC | - | - | EXFOR related issues only. |
| PR/C | 65 (2002) | \* |  |
| PRL | 94 (2005) | \* |  |
| PRM | 1 (1973) | ! | Old volumes scanned by NDPCI. |
| PTEP | 2013 (2013) | \* | Scanned by JAEA+NDS. |
| PTP | 115 (2006) | 128 (2012) | Renamed to PTEP. |
| RAK | 48 (2006) | 48 (2006) | Stopped. |
| RBF | 31 (2001) | ! |  |
| RCA | 90 (2002) | \* |  |
| RDC | 46 (2004) | 53 (2011) |  |
| RJP | 50 (2005) | ! |  |
| RM | 39 (2005) | ! |  |
| SPS | 48 (2005) | 49 (2006) | Stopped. |
| UJP | 49 (2005) | ! | Scanned by UkrNDC+NDS. |
| YFE | 7 (2006) | \* | Scanned by UkrNDC |

Note that **NDS is responsible for scanning of five journals only (ARI, NP/A, NIM/A, NIM/B, PL/B)** though NDS scans other journals on a voluntary basis. Other centres are expected to inform NDS scanned result including (1) scanned volumes and issues, and (2) page numbers if EXFOR related articles exist. In order to clarify this point, we suggest to modify the current description in the NRDC Protocol IAEA-NDS-215 Rev. 2015/05 “**Journal Scanning Responsibility**” as follows:

NDS will assign areas of responsibility for journal scanning. Each centre will ~~report~~ regularly send NDS the list of (1) scanned volumes and issues, and (2) page numbers of publications containing data belong to the category A ~~regularly~~. The currently assigned scanning responsibilities are given in Appendix B of this Protocol.

For Russian journals, NDS needs to register bibliography of their English versions. Also some journals are extinct or irrelevant to EXFOR. Some changes in Appendix B are proposed below.

|  |  |  |
| --- | --- | --- |
| **Centre** | **Responsibility** | **Proposed change** |
| NNDC | AJ, AJ/L, NSE, PR/C, PRL |  |
| NEA DB | ANE, RCA |  |
| NDS | ARI, NP/A, NIM/A, NIM/B, PL/B |  |
| CJD | AE, FCY, FCY/L, PTE, YK, ZEP, ZET | Replace all journals (except for YK) with their English translation. |
| CDFE |  |  |
| CNDC | ASI, CNDP, CNST, CPH/B, CPH/C, CPL, CST, HFH, NTC | Remove CNDP (extinct) and CPH/B (irrelevant). NTC could be deleted if all NTC articles are also published in CNST. |
| JCPRG | JNRS, JPJ, NST, PTP, JAEA-C (CPND, PhND) | Replace PTP with PTEP. |
| JAEA | JNRS, JPJ, NST, PTP, JAEA-C (Neutron data) | Replace PTP with PTEP. |
| ATOMKI | AHP/N, JRN | Remove AHP/N (extinct). |
| UkrNDC | UFZ, VAT/I | Replace UFZ with UPJ. Add YFE? |
| CNPD | EPJ/A, IZV, YF | Replace IZV with BAS, YF with PAN. |
| KNDC |  |  |
| NDPCI | IPA |  |

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