NSR Status

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Database Manager

- Dave Winchell, after nearly 10 years of service to BNL/NNDC/NSR, left on May 31st 2007 to pursue other opportunities.

- We all want to thank him for his dedicated service and for all the improvements that he made to NSR.

- I want to thank him for helping me assume this responsibility and for his willingness to answer my questions whenever I have them.

Announcements

- Our Colleagues at the IAEA/NDS (Mark Kellett and Daniel Abriola) have assumed the responsibilities for keywording articles from NPA, EPJ-A, and PLB since September 2005.

- After some initial glitches, we have been able to streamline the processing of articles in Vienna and have established a close working relationship.

- After a joint concerted effort over the past several months, NSR was made current again and we expect it to remain so from now on.

- Articles from three major journals, PRC, NPA, and EPJ-A will now be issued keynumbers within a week of the publication of the issue. Keywording will still take 4-5 weeks and during this period only author and title searching will be possible.

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User Support

- Copies of secondary references (kept in NNDC Library) are made available to users upon request.

- Users can request specific references to be added to NSR (after ensuring that it is not already in NSR).

- Help us optimize the use of our limited resources by following few simple rules and by having reasonable expectations:

    - All queries and requests must be sent to nsr@bnl.gov.
    - Make sure it is not a user error before contacting NSR.
    - Realize that keynumbers can not be issued instantaneously.

- We can not include in keyword abstracts information that is explicitly not in the article.

NSR Stats – 10/2006 - 10/2007

- 4,867 (4320 primary) references added.

- 3,120 (2655 primary) of them keyworded.

- 96% of the primary references from 36 journals.

- 191,401 (140,475 primary) total references.

- 164,842 (115,118 primary) of them keyworded.

- 170,182 web queries.

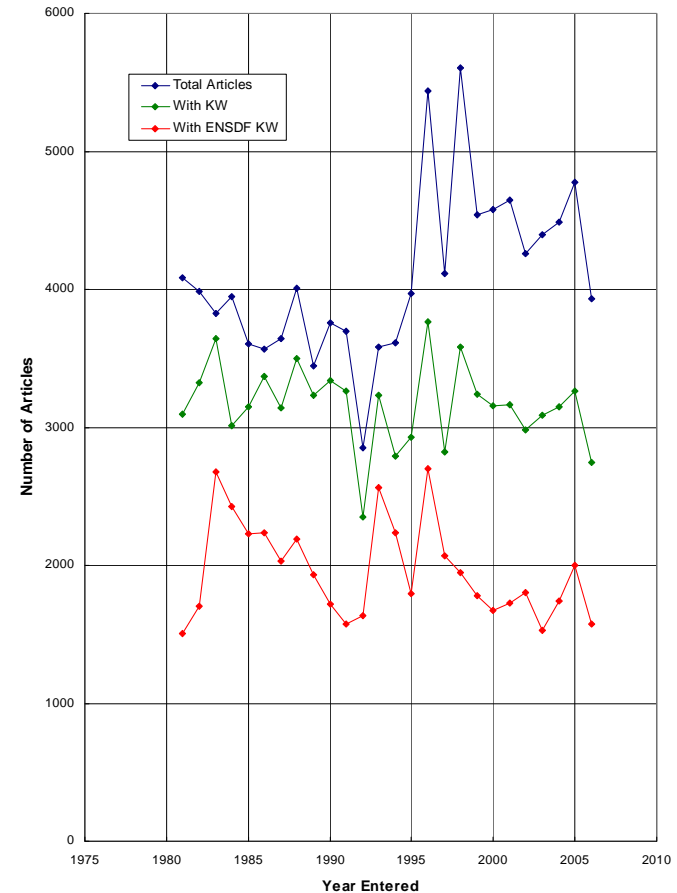# NSR Facts – 10/2006 - 09/2007

- Recent References published on the web site every quarter, and cumulative at the end of the year.

- Improved software suite was installed in May-2007.

- Expanded indexing, new "prep" program to generate selectors.

- Web page changes to accommodate expanded indexing.

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Preliminary Analysis of NSR Content

Since 1981 (when tracking became possible):

- Steady content over the past 26 years.

- 50% of the references have ENSDF type keywords (level-prop, T1/2, Mass, Quadrupole etc.).

- Only 25% of the references in ENSDF.

- About 95% of the primary references with ENSDF type keywords from about 30 journals.

Data is being collected to understand NSR user profile, mainly to know, who are the users outside the ENSDF community.

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Changes to Subject Indexing

- NSR "selector" field is generated from keyword field, used to create indexed searches on nuclide, subject, etc.

- New "prep" program was written to generate selectors.

- Selectors for all entries re-generated and were made publicly available on web in May 2007.

- Complete exchange-format file with new selectors made available to collaborators.

Changes to Subject Indexing

- Daughter nuclides calculated and indexed in "Radioactivity" keywords, where possible.

- New selector tags: "P" for parent, "G" for daughter.

- Specific subjects generated by reaction strings (i.e., "CHARGEX", "POLARIZED"...)

- Multiple selectors generated for some keyword phrases.

- Minor topics no longer indexed.

- "MASS" selector generated for "Atomic Masses" articles.

- New selectors added ("HALO", "HYPERFINE" ...).

Other Database/Web Changes

- Authors now indexed by two initials, rather than one. Required rebuilding of author and alias dictionaries.

- If author is entered as a search parameter, and more than one author/alias matches, then a list of matching names will be given at the bottom of the search results.

- Searching on "Nuclide" will look for entries with "N", "P", and "G" selectors.

- DOI field was to exchange format.

- "List analyze" feature added to web site.