


## ENDF / B - VI の公開

BNL / NNDC (国立核データセンター、米国) から、評価済み核データライブラリー ENDF / B - VI の公開を開始したとの連絡が入った。以下に C. Dunford 氏の手紙を掲載する。

DATE: January 26, 1990  
TO: ENDF/B-VI Tape Recipients  
FROM: Charles L. Dunford   
SUBJECT: Distribution of ENDF/B-VI Nuclear Data Library

The release of the ENDF/B-VI nuclear data library has begun. The first four ENDF-6 format "tapes" are being sent to you under separate cover. These "tapes" are stored on a magnetic tape in four files. Additional "tapes" will be sent to you as they are prepared. The bulk of the neutron reaction data sublibrary will be distributed in the next month. The neutron evaluations for U-235, U-238 and Pu-239 will not be available in final form until this summer as these materials will be undergoing integral benchmark testing in the next few months. The distribution of several materials, namely H-2, He-3, N-14, N-15, O-16, F-19, Si, Re-185, Re-187 and Np-237 will be delayed in anticipation of the completion of new evaluations in the next few months. We hope to distribute the thermal and photon interaction data sublibraries in April, charged particle and decay data sublibraries in June and fission product yields in the fall. There will also be two evaluations from the new ENDF/B high energy library for neutrons and protons up to 1.0 GeV incident on Fe-56.

These evaluations are being released with NO restrictions on their distribution or use. We ask that you report any problems to me or to Sol Pearlstein at the National Nuclear Data Center, Brookhaven National Laboratory. We also request that non-CSEWG members report results obtained when testing and intercomparing benchmark results using this data.

Enclosure(s)

## Tape 100

ENDF/B-VI      Neutron sublibrary      Distributed: January 26, 1990

Tape 100 consists of evaluations for the interaction of neutrons with 7 materials which have been reevaluated or extensively revised for ENDF/B-VI.

125	H-1	Standard, Neutron transport, Gamma production
325	Li-6	Standard, Neutron transport, Gamma production
328	Li-7	Neutron transport, Gamma production, Covariances
425	Be-9	Neutron transport, Gamma production
525	B-10	Standard, Neutron transport, Gamma production
528	B-11	Neutron transport, Gamma production
600	C	Standard, Neutron transport, Gamma production, Covariances

## Tape 101

ENDF/B-VI      Neutron sublibrary      Distributed: January 26, 1990

Tape 101 consists of neutron reaction evaluations for 16 materials which were not reevaluated for ENDF/B-VI. The materials have been converted to ENDF-6 format and corrected for errors where possible.

131	H-3	Neutron transport
228	He-4	Neutron transport
828	O-17	Neutron transport
1125	Na-23	Neutron transport, Gamma production, Covariances
1200	Mg	Neutron transport, Gamma production
1225	Mg-24	Activation
1325	Al-27	Neutron transport, Gamma production, Covariances
1525	P-31	Neutron transport, Gamma production
1600	S	Neutron transport, Gamma production
1625	S-32	Neutron transport, Gamma production
1700	Cl	Neutron transport, Gamma production
1837	Ar-40	Activation
1900	K	Neutron transport, Gamma production
1931	K-41	Activation
2000	Ca	Neutron transport, Gamma production
2125	Sc-45	Dosimetry

## Tape 102

ENDF/B-VI      Neutron sublibrary      Distributed: January 26, 1990

Tape 102 consists of neutron reaction evaluations for 37 materials which were not reevaluated for ENDF/B-VI. The materials have been converted to ENDF-6 format and corrected for errors where possible.

2200	Ti	Neutron transport, Gamma production
2225	Ti-46	Dosimetry
2228	Ti-47	Dosimetry
2231	Ti-48	Dosimetry
2237	Ti-50	Activation
3100	Ga	Neutron transport, Gamma production
3231	Ge-72	Fission product
3234	Ge-73	Fission product
3237	Ge-74	Fission product
3243	Ge-76	Fission product
3325	As-75	Fission product
3425	Se-74	Fission product
3431	Se-76	Fission product
3434	Se-77	Fission product
3437	Se-78	Fission product
3443	Se-80	Fission product
3449	Se-82	Fission product
3525	Br-79	Fission product
3531	Br-81	Fission product
3625	Kr-78	Neutron transport, Fission product
3631	Kr-80	Neutron transport, Fission product
3637	Kr-82	Neutron transport, Fission product
3640	Kr-83	Neutron transport, Fission product
3643	Kr-84	Neutron transport, Fission product
3646	Kr-85	Fission product
3649	Kr-86	Neutron transport, Fission product
3725	Rb-85	Neutron transport, Fission product
3728	Rb-86	Fission product
3731	Rb-87	Neutron transport, Fission product

## Tape 102

continued

3825	Sr-84	Fission product
3831	Sr-86	Fission product
3834	Sr-87	Fission product
3837	Sr-88	Fission product
3840	Sr-89	Fission product
3843	Sr-90	Fission product
3928	Y-90	Fission product
3931	Y-91	Fission product

## Tape 103

ENDF/B-VI      Neutron sublibrary      Distributed: January 26, 1990

Tape 103 consists of neutron reaction evaluations for 22 materials which have been reevaluated or extensively modified for ENDF/B-VI.

2300	V	Neutron transport, Gamma production, Covariances
2725	Co-59	Neutron transport, Gamma production, Covariances
3925	Y-89	Neutron transport, Gamma production, Covariances
4634	Pd-105	Fission product
4640	Pd-107	Fission product
5528	Cs-134	Fission product
5637	Ba-134	Fission product
5640	Ba-135	Fission product
5643	Ba-136	Fission product
5646	Ba-137	Fission product
6040	Nd-147	Fission product
6149	Pm-147	Neutron transport, Fission product
6234	Sm-147	Neutron transport, Fission product
6246	Sm-151	Neutron transport, Fission product
6325	Eu-151	Neutron transport, Gamma production
6328	Eu-152	Neutron transport, Fission product
6331	Eu-153	Neutron transport, Gamma production
6334	Eu-154	Neutron transport, Fission product
6337	Eu-155	Neutron transport, Fission product
6725	Ho-165	Neutron transport, Gamma production
6837	Er-166	Fission product
6840	Er-167	Fission product