

# ENDF/B-VII.0 Library in ACE Format: Beta Version

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SIXTY YEARS  
OF DISCOVERY  
1947-2007

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**BROOKHAVEN**  
NATIONAL LABORATORY



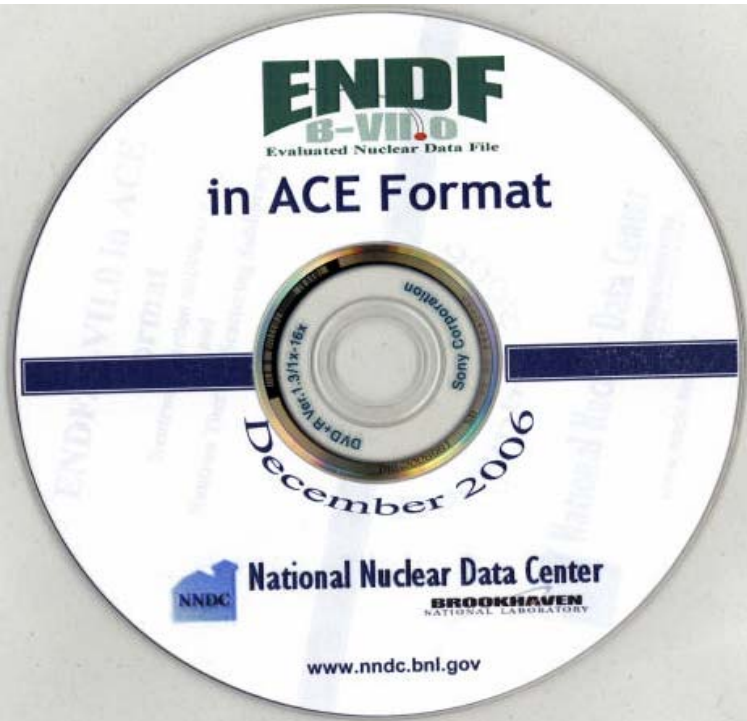
# RATIONALE

## Why distribute a beta version?

- To expedite broad data testing [of ENDF/B-VII.0] and to ensure that testers are using a consistent set of input data to MCNP – E-mail from K. Kozier, AECL (11/22/2006)
- RSICC: Cost-free to testers  
(a stable version costs \$600 to \$1000 for non-DOE- and non-NRC-affiliated testers) – E-mail from R. Mosteller, LANL (11/22/2006)



# DVD: ENDF/B-VII.0 in ACE Format



Name of Library: ENDF/B-VII.0-ACE

ID of Library : D00226MNYCP00

Contents :

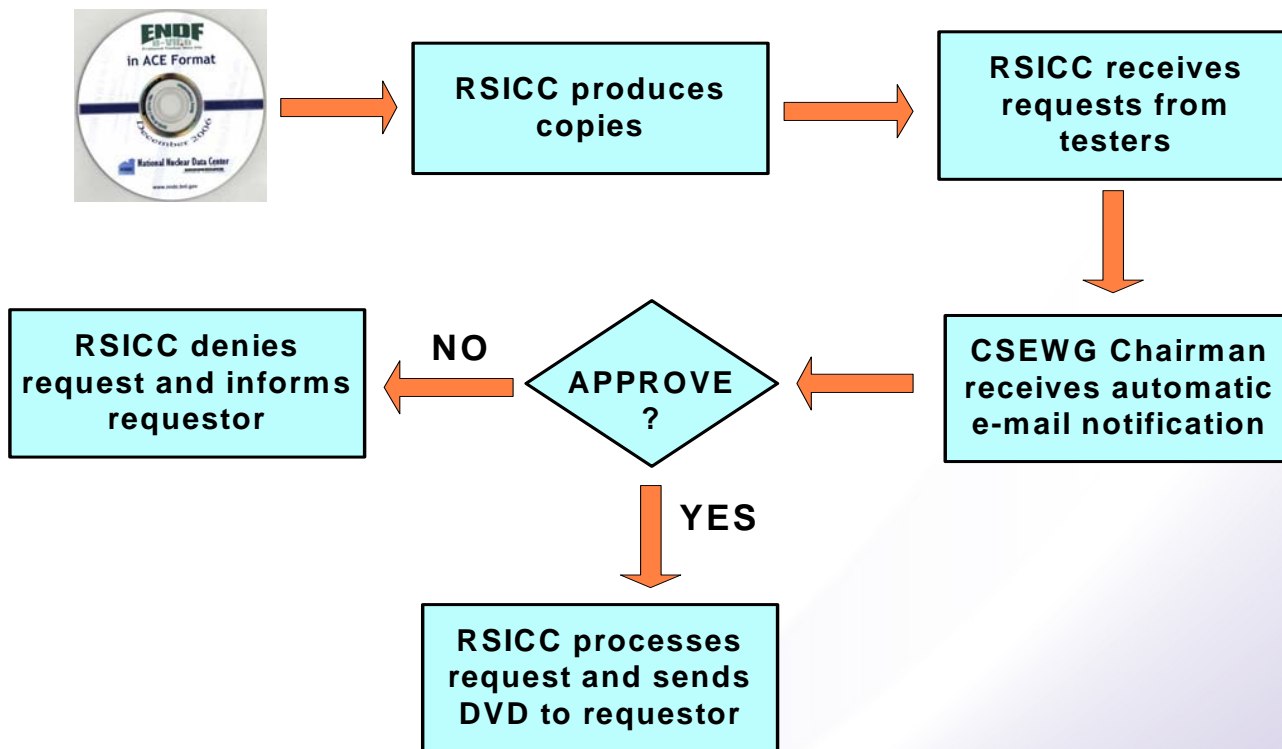
- Neutron Reaction Sublibrary (392 materials, 300°K)
- Neutron Thermal Scattering Sublibrary (20 materials, one temperature for each material)

Request through:

[rsicc.ornl.gov/rsiccnew/CFDOCS/ENDFrequest\\_form1.cfm](http://rsicc.ornl.gov/rsiccnew/CFDOCS/ENDFrequest_form1.cfm)

# DISTRIBUTION PROCESS FLOW

**NNDC generates master DVD and sends it to RSICC**



# Results

- Requests received from more than 50 people, mostly CSEWG members
- Request received from NEA Data Bank

*“We wonder whether you could send us this ACE library on DVD in the frame of co-operative arrangement between US DOE and OECD/NEA signed on 10 April 2006 by Dennis Spurgeon, Assistant Secretary for Nuclear Energy of DOE and Luis Echavarri, Director General of the OECD/NEA” - E. Sartori, OECD/NEA Data Bank, 12/19/2006*

