



Battelle

Pacific Northwest Laboratories
Battelle Boulevard
P.O. Box 999
Richland, Washington 99352
Telephone (509) 375-2231

January 19, 1990

John Linehan, Director
Repository Licensing & Quality Assurance
Project Directorate
Division of High-Level Waste Management
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Linehan:

SUBJECT: AREST Computer Code

Discussions between Pacific Northwest Laboratory staff and Mr. Richard Lambert, DOE-HQ/OGC; Mr. Walt Kelly, OSTI; and Mr. Robert Southworth, DOE-RL have reached the decision that the most expeditious method for transmitting the code to your organization is for NESC to provide it directly to you. The AREST code has been copyrighted by Battelle, and its distribution to Government organizations is handled by NESC. We have notified NESC of your desire to obtain the code, but they will need a formal request before sending it to you. Please have your NESC installation representative complete NESC Form 7 (attached) and send it to NESC.

The PNL technical contact for the AREST code is Mr. David Engel, who may be reached on (509)375-2307. If we can be of further assistance, please contact Mr. M.D. Erickson of PNL on (509)375-2360.

Sincerely,

L.D. Williams, Director
Technology Transfer

cc: Mr. Gordon Appel - DOE-HQ - OCRWM
Mr. Robert Southworth III - DOE-RL
Mr. Walt Kelly - OSTI
Ms. Margaret Butler - NESC
Mr. Richard Lambert - DOE-HQ, OGC

Twenty-five years of science



for DOE and the Northwest

9001310344 900119
NMSS SUBJ
426.5

CDC

426.5
NHXA

NATIONAL ENERGY SOFTWARE CENTER
Software Request

1. NESC No.: _____ Machine Version: _____ Edition: _____
2. Program or System Identification: _____
3. If this request is for a particular subset of the package, rather than the complete package, indicate the specific categories of information needed:
- ☐ (A) Authorization ☐ (R) Documents ☐ (S) Source ☐ (B) Run Deck ☐ (P) Problem ☐ (L) Libraries
- ☐ (X) Auxiliary Material ☐ (C) Control Information
4. Availability of software as defined by NESC (check one):
- ☐ Unlimited
- ☐ Limited to U. S. use (R)
- ☒ Limited to Government Contract use (G). The material is requested by _____ Agency _____
for _____ Contractor use on _____ Contract Number _____

Signature of Government Contracting Officer
- ☐ Limited to authorized recipients (S). This request is authorized by:

Signature of Authorized Recipient _____ Installation
5. If limited distribution, and location of use is different from address of requester, complete the following:
- Location of use: _____ Access via: _____
- _____
Name of Establishment _____ Equipment (i.e., I/O terminal, station)
- _____
Street Address at _____ Company
- _____
City, State, Zip Code _____ Address
6. If this request can be filled without submission of magnetic tapes, indicate which medium is desired:
- ☐ listing ☐ punched cards ☐ other, specify _____
7. If this request is to be filled without charge, indicate whether it is the first or second software request to be covered by this year's subscription fee:
- No charge: 1st _____ 2nd _____
- If payment is enclosed, indicate the amount:
- Package charge of \$ _____ is enclosed.
8. Special Installation Tape Requirements (indicate any special tape requirements on back of this form, note 7- or 9-track recording, odd or even parity, density of 200, 556, 800, 1600, or 6250 bpi, and character set, record length, or blocking factor restrictions pertinent to your computer facilities). Standard transmittal for IBM programs is 9-track 1600 bpi recording with the EBCDIC character set, odd parity, and RECFM=FB, LRECL=80, BLKSIZE=3200 for card records; other records generally as received from the contributing installation. Standard transmittal for non-IBM programs is 9-track 1600 bpi recording with the ASCII or EBCDIC character set, odd parity; 7-track 800 bpi recording for BCD character set, even parity submissions; block or physical record size not greater than 5120 characters for card records with other records as submitted by the contributing installation.
9. Request submitted by: _____ Name _____ Date: _____
- _____
Installation Telephone: _____ Area _____ Number _____ Ext. _____
- _____
Address FTS: _____