


SOFTWARE RELEASE NOTICE

|   |                      |                                |
|---|----------------------|--------------------------------|
| 1. SRN Number: PA-SRN-301   |                      |                                |
| 2. Project Title: TSPA & Technical Integration Code   |                      | Project No.<br>20.06002.01.113 |
| 3. SRN Title: TPA Version 4.1jpd  |                      |                                |
| 4. Originator/Requestor: Gordon Wittmeyer   |                      | Date: 9/16/03                  |
| 5. Summary of Actions   |                      |                                |
| <input type="checkbox"/> Release of new software <input type="checkbox"/> Change of access software<br><input checked="" type="checkbox"/> Release of modified software: <input type="checkbox"/> Software Retirement<br><br><input type="checkbox"/> Enhancements made<br><br><input checked="" type="checkbox"/> Corrections made |                      |                                |
| 6. Validation Status  |                      |                                |
| <input type="checkbox"/> Validated<br><br><input type="checkbox"/> Limited Validation<br><br><input checked="" type="checkbox"/> Not Validated                      Explain: <u>Validation was performed on Version 5.0o.</u>   |                      |                                |
| 7. Persons Authorized Access  |                      |                                |
| Name  | Read Only/Read-Write | Addition/Change/Delete         |
| Sitakanta Mohanty   | RW                   |                                |
| Ron Janetzke  | RW                   |                                |
| David Esh (NRC)   | RW                   |                                |
| Tim McCartin (NRC)  | RW                   |                                |
| James Firth (NRC)   | RW                   |                                |
| Others (NRC/CNWSA)  | RO                   |                                |
| 8. Element Manager Approval: <i>Gordon Wittmeyer</i>  |                      | Date: <i>9/16/2003</i>         |
| 9. Remarks:   |                      |                                |
| An 8mm tape containing FORTRAN source code for the TPA Version 4.1jpd code was sent to the NRC. Disclaimer added for Numerical Recipes routines - <i>no QA verification</i>   |                      |                                |

*request sent 9/16/03*

SOFTWARE SUMMARY FORM

|   |  |   |  |  |  |
|---|--|---|--|--|--|
| 01. Summary Date: 09/03/03  |  | 02. Summary prepared by (Name and phone):<br>Ron Janetzke (210) 522-3318  |  | 03. Summary Action:<br>Disclaimer added  |  |
| 04. Software Date: 09/03/03   |  | 05. Short Title: TPA Version 4.1jpd   |  |  |  |
| 06. Software Title: TPA - System Performance Assessment Computer Code, Version 4.1jpd   |  |   |  | 07. Internal Software ID:<br>None  |  |
| 08. Software Type:<br><input type="checkbox"/> Automated Data System<br><input checked="" type="checkbox"/> Computer Program<br><input type="checkbox"/> Subroutine/Module        |  | 09. Processing Mode:<br><input type="checkbox"/> Interactive<br><input checked="" type="checkbox"/> Batch<br><input type="checkbox"/> Combination |  | 10. Application Area:<br>a. General:<br><input type="checkbox"/> Scientific/Engineering <input type="checkbox"/> Auxiliary Analyses<br><input checked="" type="checkbox"/> Total System PA<br><input type="checkbox"/> Subsystem PA <input type="checkbox"/> Other<br>b. Specific: |  |
| 11. Submitting Organization and Address:<br><br>CNWRA/SwRI<br>6220 Culebra Road<br>San Antonio, TX 78228  |  |   | 12. Technical Contact(s) and Phone:<br><br>Ron Janetzke (210) 522-3318   |  |  |
| 13. Software Application: The TPA Code consists of the following modules: UZFLOW, NFENV, EBSREL, UZFT, SZFT, DCAGW, FAULTO, SEISMO, VOLCANO, ASHPLUMO, ASHRMVO, DCAGS, LHS, EXEC. |  |   |  |  |  |
| 14. Computer Platform:<br>SUN Workstation<br>PC   |  | 15. Computer Operating System:<br>UNIX<br>Windows NT  |  | 16. Programming Language(s):<br>SUN FORTRAN 5.0<br>Lahey LF90 V4.5   |  |
| 17. Number of Source Program Statements:<br>Approx. 41000 lines w/o stand alone codes   |  | 18. Computer Memory Requirements: 105 Mb  |  | 19. Tape Drives: None  |  |
| 20. Disk Units: N/A   |  | 21. Graphics: N/A   |  |  |  |
| 22. Other Operational Requirements:<br><br>Uses system environment variables: TPA_TEST and TPA_DATA.  |  |   |  |  |  |
| 23. Software Availability:<br><input checked="" type="checkbox"/> Available <input type="checkbox"/> Limited <input type="checkbox"/> In-House ONLY                               |  |   | 24. Documentation Availability:<br><input type="checkbox"/> Available <input type="checkbox"/> Preliminary <input checked="" type="checkbox"/> In-House ONLY |  |  |
| 25.<br>Software Developer:  Date: 9-03-03  |  |   |  |  |  |

```
c*****  
c*** This routine, qgaus, is based on the routine Gaussian      ***  
c*** Quadratures (Gauss-Legendre integration) from the book   ***  
c*** "Numerical Recipes in FORTRAN (Cambridge University Press, ***  
c*** Copyright (C) 1986-1992 by Numerical Recipes Software. Used by ***  
c*** permission. Use of this routine other than as an integral part ***  
c*** of the TPA code requires an additional license from Numerical ***  
c*** Recipes Software. Further distribution is prohibited.    ***  
c*****
```

Sample of  
Disclaimer

Randy Ziel  
9/16/03

```

drwxr-xr-x rjanetz/sunuser 0 2003-09-03 17:43:22 tpa41jpd/
-rwxr-xr-x rjanetz/sunuser 1437 2000-02-02 20:46:36 tpa41jpd/CLEANUP
-rw-r--r-- rjanetz/sunuser 785 2000-09-19 16:16:16 tpa41jpd/Makefile
-rw-r--r-- rjanetz/sunuser 29502 2000-09-26 19:21:27 tpa41jpd/array.f
-rw-r--r-- rjanetz/sunuser 49552 2001-05-03 14:22:15 tpa41jpd/array.o
-rw-r--r-- rjanetz/sunuser 19264 2000-09-26 19:21:31 tpa41jpd/ashplumo.f
-rw-r--r-- rjanetz/sunuser 38772 2001-05-03 14:22:22 tpa41jpd/ashplumo.o
-rw-r--r-- rjanetz/sunuser 23291 2000-09-26 19:21:34 tpa41jpd/ashrmovo.f
-rw-r--r-- rjanetz/sunuser 25948 2001-05-03 14:22:36 tpa41jpd/ashrmovo.o
drwxr-xr-x rjanetz/sunuser 0 2001-05-01 16:01:59 tpa41jpd/ccdf/
-rw-r--r-- rjanetz/sunuser 23390 1999-07-22 15:53:55 tpa41jpd/ccdf/tccdf.f
-rw-r--r-- rjanetz/sunuser 66 1997-08-01 14:32:11 tpa41jpd/ccdf/tccdf.i
-rw-r--r-- rjanetz/sunuser 640 2001-01-29 14:46:52 tpa41jpd/ccdf/tccdf.inp
-rw-r--r-- rjanetz/sunuser 267 2000-03-14 16:27:40 tpa41jpd/ccdf/Makefile
drwxr-xr-x rjanetz/sunuser 0 2003-09-03 17:38:35 tpa41jpd/codes/
-rw-r--r-- rjanetz/sunuser 555 1999-07-21 17:37:06 tpa41jpd/codes/Makefile
-rw-r--r-- rjanetz/sunuser 499 1997-06-02 14:25:35 tpa41jpd/codes/README
-rw-r--r-- rjanetz/sunuser 2320 1998-05-28 16:26:08 tpa41jpd/codes/SIZES.INC
-rw-r--r-- rjanetz/sunuser 164 1998-02-17 20:25:08 tpa41jpd/codes/SIZES2.INC
-rw-rw-rw- rjanetz/sunuser 101614 2003-09-03 17:35:17 tpa41jpd/codes/ashplume.f
-rw-rw-rw- rjanetz/sunuser 77212 2003-09-03 17:37:31 tpa41jpd/codes/fault.f
-rw-r--r-- rjanetz/sunuser 308005 2000-09-26 19:28:12 tpa41jpd/codes/nefmks.f
-rw-rw-rw- rjanetz/sunuser 123631 2003-09-03 17:38:21 tpa41jpd/codes/reaset.f
-rw-r--r-- rjanetz/sunuser 196792 2001-04-30 15:29:57 tpa41jpd/codes/snllhs.f
-rw-r--r-- rjanetz/sunuser 12568 2000-09-26 19:31:46 tpa41jpd/codes/ebsfilt.f
drwxr-xr-x rjanetz/sunuser 0 2001-05-03 14:36:30 tpa41jpd/codes/gentpa/
-rw-r--r-- rjanetz/sunuser 1746 2000-02-11 17:32:51 tpa41jpd/codes/gentpa/Mken
v.fig
-rw-r--r-- rjanetz/sunuser 1548 2000-02-11 17:32:52 tpa41jpd/codes/gentpa/Mken
vin.fig
-rw-r--r-- rjanetz/sunuser 543 2000-02-11 07:57:56 tpa41jpd/codes/gentpa/AFPP
AR.CMN
-rw-r--r-- rjanetz/sunuser 1044 2000-02-11 07:57:58 tpa41jpd/codes/gentpa/AIRP
AR.CMN
-rw-r--r-- rjanetz/sunuser 872 2000-02-11 07:57:58 tpa41jpd/codes/gentpa/ANMP
AR.CMN
-rw-r--r-- rjanetz/sunuser 615 2000-02-11 07:57:59 tpa41jpd/codes/gentpa/AQUP
AR.CMN
-rw-r--r-- rjanetz/sunuser 1089 2000-02-11 07:58:00 tpa41jpd/codes/gentpa/CONC
.CMN
-rw-r--r-- rjanetz/sunuser 461 2000-02-11 19:06:30 tpa41jpd/codes/gentpa/DAYP
C.CMN
-rw-r--r-- rjanetz/sunuser 400 2000-02-11 19:06:35 tpa41jpd/codes/gentpa/DECA
Y.CMN
-rw-r--r-- rjanetz/sunuser 571 2000-02-11 07:58:02 tpa41jpd/codes/gentpa/DFPA
R.CMN
-rw-r--r-- rjanetz/sunuser 1359 2000-02-11 07:57:56 tpa41jpd/codes/gentpa/DOSA
LL.CMN
-rw-r--r-- rjanetz/sunuser 574 2000-02-11 07:58:24 tpa41jpd/codes/gentpa/ENVP
AR.CMN
-rw-r--r-- rjanetz/sunuser 310 2000-02-11 19:06:39 tpa41jpd/codes/gentpa/EXPA
LL.CMN
-rw-r--r-- rjanetz/sunuser 637 2000-02-11 07:58:25 tpa41jpd/codes/gentpa/EXTP
AR.CMN
-rw-r--r-- rjanetz/sunuser 327 2000-02-11 19:06:42 tpa41jpd/codes/gentpa/FILE
S.CMN
-rw-r--r-- rjanetz/sunuser 814 2000-02-11 07:58:27 tpa41jpd/codes/gentpa/FODP
AR.CMN
-rw-r--r-- rjanetz/sunuser 438 2000-02-11 19:06:45 tpa41jpd/codes/gentpa/INVI
N.CMN
-rw-r--r-- rjanetz/sunuser 569 2000-02-11 07:58:47 tpa41jpd/codes/gentpa/LABE
LS.CMN
-rw-r--r-- rjanetz/sunuser 1161 2000-02-11 07:58:48 tpa41jpd/codes/gentpa/MTBP
AR.CMN
-rw-r--r-- rjanetz/sunuser 1688 2000-02-28 10:15:28 tpa41jpd/codes/gentpa/Make

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.bat
-rw-r--r-- rjanetz/sunuser 2762 2000-02-11 07:58:50 tpa41jpd/codes/gentpa/OPT.
CMN
-rw-r--r-- rjanetz/sunuser 444 2000-02-11 19:06:49 tpa41jpd/codes/gentpa/ORGM
AS.CMN
-rw-r--r-- rjanetz/sunuser 728 2000-02-11 07:58:52 tpa41jpd/codes/gentpa/ORGP
AR.CMN
-rw-r--r-- rjanetz/sunuser 589 2000-02-11 07:59:14 tpa41jpd/codes/gentpa/RAD.
CMN
-rw-r--r-- rjanetz/sunuser 722 2000-02-11 07:59:16 tpa41jpd/codes/gentpa/RMD.
CMN
-rw-r--r-- rjanetz/sunuser 788 2000-02-11 07:59:15 tpa41jpd/codes/gentpa/RADI
N.CMN
-rw-r--r-- rjanetz/sunuser 489 2000-02-11 19:06:52 tpa41jpd/codes/gentpa/RMD2
.CMN
-rw-r--r-- rjanetz/sunuser 891 2000-02-11 07:59:18 tpa41jpd/codes/gentpa/SOLP
AR.CMN
-rw-r--r-- rjanetz/sunuser 489 2000-02-11 19:06:55 tpa41jpd/codes/gentpa/SWPA
R.CMN
-rw-r--r-- rjanetz/sunuser 586 2000-02-11 07:59:38 tpa41jpd/codes/gentpa/TIME
S.CMN
-rw-r--r-- rjanetz/sunuser 316 2000-02-11 19:06:58 tpa41jpd/codes/gentpa/TITL
.CMN
-rw-r--r-- rjanetz/sunuser 12777 2000-02-11 07:59:41 tpa41jpd/codes/gentpa/accm
od.f
-rw-r--r-- rjanetz/sunuser 10094 2000-02-11 07:58:04 tpa41jpd/codes/gentpa/acut
e1.f
-rw-r--r-- rjanetz/sunuser 9579 2000-02-11 07:58:04 tpa41jpd/codes/gentpa/acut
ea.f
-rw-r--r-- rjanetz/sunuser 7118 2000-02-11 07:58:05 tpa41jpd/codes/gentpa/acut
ec.f
-rw-r--r-- rjanetz/sunuser 8669 2000-02-11 07:58:05 tpa41jpd/codes/gentpa/airc
al.f
-rw-r--r-- rjanetz/sunuser 8383 2000-02-11 07:58:07 tpa41jpd/codes/gentpa/anmc
al.f
-rw-r--r-- rjanetz/sunuser 2043 2000-02-11 07:58:08 tpa41jpd/codes/gentpa/aquc
al.f
-rw-r--r-- rjanetz/sunuser 1217 2000-02-11 07:58:09 tpa41jpd/codes/gentpa/bioc
al.f
-rw-r--r-- rjanetz/sunuser 4174 2000-02-11 07:58:11 tpa41jpd/codes/gentpa/bloc
kd.f
-rw-r--r-- rjanetz/sunuser 1405 2000-02-11 07:58:12 tpa41jpd/codes/gentpa/bsor
t.f
-rw-r--r-- rjanetz/sunuser 13008 2000-02-11 07:58:12 tpa41jpd/codes/gentpa/cand
h.f
-rw-r--r-- rjanetz/sunuser 6653 2000-02-11 07:58:31 tpa41jpd/codes/gentpa/chai
n.f
-rw-r--r-- rjanetz/sunuser 23921 2000-02-11 07:58:31 tpa41jpd/codes/gentpa/chec
k.f
-rw-r--r-- rjanetz/sunuser 10189 2000-02-11 19:07:02 tpa41jpd/codes/gentpa/cron
mod.f
-rw-r--r-- rjanetz/sunuser 5153 2000-02-11 07:58:34 tpa41jpd/codes/gentpa/crpc
al.f
-rw-r--r-- rjanetz/sunuser 3842 2000-02-11 07:58:53 tpa41jpd/codes/gentpa/dkha
rv.f
-rw-r--r-- rjanetz/sunuser 5426 2000-02-11 07:58:56 tpa41jpd/codes/gentpa/dose
.f
-rw-r--r-- rjanetz/sunuser 2398 2000-02-11 07:58:57 tpa41jpd/codes/gentpa/drfb
iv.f
-rw-r--r-- rjanetz/sunuser 6728 2000-02-11 07:58:57 tpa41jpd/codes/gentpa/drfs
ec.f
-rw-r--r-- rjanetz/sunuser 1877 2000-02-11 07:58:58 tpa41jpd/codes/gentpa/drkc
al.f
-rw-r--r-- rjanetz/sunuser 1325 2000-02-11 07:58:58 tpa41jpd/codes/gentpa/dumr
ed.f

```

```

-rw-r--r-- rjanetz/sunuser 3958 2000-02-11 07:58:59 tpa41jpd/codes/gentpa/edra
nm.f
-rw-r--r-- rjanetz/sunuser 3567 2000-02-11 07:59:00 tpa41jpd/codes/gentpa/edrc
rp.f
-rw-r--r-- rjanetz/sunuser 2525 2000-02-11 07:59:00 tpa41jpd/codes/gentpa/edrn
on.f
-rw-r--r-- rjanetz/sunuser 2853 2000-02-11 07:59:01 tpa41jpd/codes/gentpa/edrr
es.f
-rw-r--r-- rjanetz/sunuser 10581 2000-02-11 07:59:01 tpa41jpd/codes/gentpa/env.
f
-rw-r--r-- rjanetz/sunuser 4885 2000-02-11 07:59:02 tpa41jpd/codes/gentpa/envi
n.f
-rw-r--r-- rjanetz/sunuser 4561 2000-02-11 19:07:06 tpa41jpd/codes/gentpa/envl
ib.f
-rw-r--r-- rjanetz/sunuser 1912 2000-02-11 07:59:21 tpa41jpd/codes/gentpa/expo
sr.f
-rw-r--r-- rjanetz/sunuser 6774 2000-02-11 07:59:21 tpa41jpd/codes/gentpa/extc
al.f
-rw-r--r-- rjanetz/sunuser 1489 2000-02-11 07:59:23 tpa41jpd/codes/gentpa/file
rr.f
-rw-r--r-- rjanetz/sunuser 1986 2000-02-11 07:59:25 tpa41jpd/codes/gentpa/fntd
rf.f
-rw-r--r-- rjanetz/sunuser 3003 2000-02-11 19:07:14 tpa41jpd/codes/gentpa/head
ng.f
-rw-r--r-- rjanetz/sunuser 2203 2000-02-11 07:59:43 tpa41jpd/codes/gentpa/idnu
c.f
-rw-r--r-- rjanetz/sunuser 2842 2000-02-11 07:59:43 tpa41jpd/codes/gentpa/inhc
al.f
-rw-r--r-- rjanetz/sunuser 2392 2000-02-11 07:59:44 tpa41jpd/codes/gentpa/init
nv.f
-rw-r--r-- rjanetz/sunuser 1841 2000-02-11 07:59:45 tpa41jpd/codes/gentpa/intp
ol.f
-rw-r--r-- rjanetz/sunuser 1348 2000-02-11 07:58:13 tpa41jpd/codes/gentpa/invm
ol.f
-rw-r--r-- rjanetz/sunuser 677 2000-02-11 07:58:16 tpa41jpd/codes/gentpa/makd
a2.f
-rw-r--r-- rjanetz/sunuser 1849 2000-02-24 17:30:11 tpa41jpd/codes/gentpa/Make
file
-rw-r--r-- rjanetz/sunuser 5870 2000-02-11 19:07:11 tpa41jpd/codes/gentpa/opnf
il.f
-rw-r--r-- rjanetz/sunuser 4217 2000-02-11 07:58:19 tpa41jpd/codes/gentpa/orde
r.f
-rw-r--r-- rjanetz/sunuser 2325 2000-02-11 07:58:20 tpa41jpd/codes/gentpa/pack
ag.f
-rw-r--r-- rjanetz/sunuser 3366 2000-02-11 07:58:21 tpa41jpd/codes/gentpa/plmr
iz.f
-rw-r--r-- rjanetz/sunuser 1861 2000-02-11 07:58:39 tpa41jpd/codes/gentpa/prio
r.f
-rw-r--r-- rjanetz/sunuser 4080 2000-02-11 07:58:40 tpa41jpd/codes/gentpa/prob
.f
-rw-r--r-- rjanetz/sunuser 27222 2000-02-11 19:07:18 tpa41jpd/codes/gentpa/ritq
a.f
-rw-r--r-- rjanetz/sunuser 2079 2000-02-11 07:58:40 tpa41jpd/codes/gentpa/prof
ile.f
-rw-r--r-- rjanetz/sunuser 11351 2000-02-11 07:58:41 tpa41jpd/codes/gentpa/read
in.f
-rw-r--r-- rjanetz/sunuser 6174 2000-02-11 07:58:42 tpa41jpd/codes/gentpa/redc
as.f
-rw-r--r-- rjanetz/sunuser 3867 2000-02-11 07:58:42 tpa41jpd/codes/gentpa/redc
ha.f
-rw-r--r-- rjanetz/sunuser 8483 2000-02-11 07:58:44 tpa41jpd/codes/gentpa/redf
lt.f
-rw-r--r-- rjanetz/sunuser 1694 2000-02-11 07:58:44 tpa41jpd/codes/gentpa/redi
st.f
-rw-r--r-- rjanetz/sunuser 8548 2000-02-11 07:59:04 tpa41jpd/codes/gentpa/rite

```

```
nv.f
-rw-r--r-- rjanetz/sunuser 4371 2000-02-11 07:59:05 tpa41jpd/codes/gentpa/rite
xp.f
-rw-r--r-- rjanetz/sunuser 2584 2000-02-11 07:59:07 tpa41jpd/codes/gentpa/ritm
ed.f
-rw-r--r-- rjanetz/sunuser 4346 2000-02-11 07:59:08 tpa41jpd/codes/gentpa/rlib
in.f
-rw-r--r-- rjanetz/sunuser 4399 2000-02-11 07:59:09 tpa41jpd/codes/gentpa/rwak
e.f
-rw-r--r-- rjanetz/sunuser 2396 2000-02-11 07:59:30 tpa41jpd/codes/gentpa/sigm
a.f
-rw-r--r-- rjanetz/sunuser 8387 2000-02-11 07:59:32 tpa41jpd/codes/gentpa/swca
l.f
-rw-r--r-- rjanetz/sunuser 1894 2000-02-11 07:59:33 tpa41jpd/codes/gentpa/trns
pt.f
-rw-r--r-- rjanetz/sunuser 1771 2000-02-11 07:59:35 tpa41jpd/codes/gentpa/usta
r.f
-rw-r--r-- rjanetz/sunuser 9276 2000-02-11 07:59:46 tpa41jpd/codes/gentpa/xqca
l.f
-rw-r--r-- rjanetz/sunuser 5277 2000-02-11 07:59:46 tpa41jpd/codes/gentpa/xqin
.f
-rw-r--r-- rjanetz/sunuser 6652 2001-05-03 14:34:17 tpa41jpd/codes/gentpa/bloc
kd.o
-rw-r--r-- rjanetz/sunuser 4076 2001-05-03 14:34:18 tpa41jpd/codes/gentpa/file
rr.o
-rw-r--r-- rjanetz/sunuser 1036 2001-05-03 14:34:18 tpa41jpd/codes/gentpa/makd
a2.o
-rw-r--r-- rjanetz/sunuser 9104 2001-05-03 14:34:20 tpa41jpd/codes/gentpa/env1
ib.o
-rw-r--r-- rjanetz/sunuser 25896 2001-05-03 14:34:24 tpa41jpd/codes/gentpa/accm
od.o
-rw-r--r-- rjanetz/sunuser 24004 2001-05-03 14:34:29 tpa41jpd/codes/gentpa/cron
mod.o
-rw-r--r-- rjanetz/sunuser 36464 2001-05-03 14:34:35 tpa41jpd/codes/gentpa/redf
lt.o
-rw-r--r-- rjanetz/sunuser 48328 2001-05-03 14:34:43 tpa41jpd/codes/gentpa/read
in.o
-rw-r--r-- rjanetz/sunuser 10056 2001-05-03 14:34:45 tpa41jpd/codes/gentpa/rlib
in.o
-rw-r--r-- rjanetz/sunuser 92580 2001-05-03 14:34:57 tpa41jpd/codes/gentpa/ritq
a.o
-rw-r--r-- rjanetz/sunuser 12176 2001-05-03 14:34:59 tpa41jpd/codes/gentpa/opnf
il.o
-rw-r--r-- rjanetz/sunuser 5688 2001-05-03 14:35:01 tpa41jpd/codes/gentpa/orde
r.o
-rw-r--r-- rjanetz/sunuser 35952 2001-05-03 14:35:06 tpa41jpd/codes/gentpa/rite
nv.o
-rw-r--r-- rjanetz/sunuser 1624 2001-05-03 14:35:07 tpa41jpd/codes/gentpa/prof
ile.o
-rw-r--r-- rjanetz/sunuser 2204 2001-05-03 14:35:07 tpa41jpd/codes/gentpa/plmr
iz.o
-rw-r--r-- rjanetz/sunuser 2136 2001-05-03 14:35:07 tpa41jpd/codes/gentpa/prob
.o
-rw-r--r-- rjanetz/sunuser 2744 2001-05-03 14:35:08 tpa41jpd/codes/gentpa/drfb
iv.o
-rw-r--r-- rjanetz/sunuser 3644 2001-05-03 14:35:08 tpa41jpd/codes/gentpa/dumr
ed.o
-rw-r--r-- rjanetz/sunuser 3372 2001-05-03 14:35:09 tpa41jpd/codes/gentpa/rwak
e.o
-rw-r--r-- rjanetz/sunuser 13960 2001-05-03 14:35:12 tpa41jpd/codes/gentpa/xqin
.o
-rw-r--r-- rjanetz/sunuser 3080 2001-05-03 14:35:13 tpa41jpd/codes/gentpa/idnu
c.o
-rw-r--r-- rjanetz/sunuser 1208 2001-05-03 14:35:14 tpa41jpd/codes/gentpa/bsor
t.o
```

```

-rw-r--r-- rjanetz/sunuser 5780 2001-05-03 14:35:15 tpa41jpd/codes/gentpa/head
ng.o
-rw-r--r-- rjanetz/sunuser 2020 2001-05-03 14:35:16 tpa41jpd/codes/gentpa/fntd
rf.o
-rw-r--r-- rjanetz/sunuser 1908 2001-05-03 14:35:16 tpa41jpd/codes/gentpa/sigm
a.o
-rw-r--r-- rjanetz/sunuser 1148 2001-05-03 14:35:16 tpa41jpd/codes/gentpa/invm
ol.o
-rw-r--r-- rjanetz/sunuser 1492 2001-05-03 14:35:16 tpa41jpd/codes/gentpa/usta
r.o
-rw-r--r-- rjanetz/sunuser 4932 2001-05-03 14:35:17 tpa41jpd/codes/gentpa/drfs
ec.o
-rw-r--r-- rjanetz/sunuser 49040 2001-05-03 14:35:24 tpa41jpd/codes/gentpa/chec
k.o
-rw-r--r-- rjanetz/sunuser 5880 2001-05-03 14:35:25 tpa41jpd/codes/gentpa/swca
l.o
-rw-r--r-- rjanetz/sunuser 11388 2001-05-03 14:35:29 tpa41jpd/codes/gentpa/rite
xp.o
-rw-r--r-- rjanetz/sunuser 2920 2001-05-03 14:35:36 tpa41jpd/codes/gentpa/init
nv.o
-rw-r--r-- rjanetz/sunuser 16564 2001-05-03 14:35:43 tpa41jpd/codes/gentpa/acut
el.o
-rw-r--r-- rjanetz/sunuser 25384 2001-05-03 14:35:49 tpa41jpd/codes/gentpa/redc
as.o
-rw-r--r-- rjanetz/sunuser 2008 2001-05-03 14:35:49 tpa41jpd/codes/gentpa/bioc
al.o
-rw-r--r-- rjanetz/sunuser 17076 2001-05-03 14:35:52 tpa41jpd/codes/gentpa/xqca
l.o
-rw-r--r-- rjanetz/sunuser 2116 2001-05-03 14:35:52 tpa41jpd/codes/gentpa/trns
pt.o
-rw-r--r-- rjanetz/sunuser 2380 2001-05-03 14:35:55 tpa41jpd/codes/gentpa/prio
r.o
-rw-r--r-- rjanetz/sunuser 9792 2001-05-03 14:35:55 tpa41jpd/codes/gentpa/redc
ha.o
-rw-r--r-- rjanetz/sunuser 2292 2001-05-03 14:35:55 tpa41jpd/codes/gentpa/expo
sr.o
-rw-r--r-- rjanetz/sunuser 4496 2001-05-03 14:35:56 tpa41jpd/codes/gentpa/edrr
es.o
-rw-r--r-- rjanetz/sunuser 11956 2001-05-03 14:36:00 tpa41jpd/codes/gentpa/cand
h.o
-rw-r--r-- rjanetz/sunuser 12020 2001-05-03 14:36:04 tpa41jpd/codes/gentpa/acut
ea.o
-rw-r--r-- rjanetz/sunuser 8736 2001-05-03 14:36:06 tpa41jpd/codes/gentpa/crpc
al.o
-rw-r--r-- rjanetz/sunuser 7400 2001-05-03 14:36:07 tpa41jpd/codes/gentpa/edra
nm.o
-rw-r--r-- rjanetz/sunuser 5236 2001-05-03 14:36:08 tpa41jpd/codes/gentpa/edrn
on.o
-rw-r--r-- rjanetz/sunuser 14508 2001-05-03 14:36:12 tpa41jpd/codes/gentpa/anmc
al.o
-rw-r--r-- rjanetz/sunuser 1816 2001-05-03 14:36:12 tpa41jpd/codes/gentpa/redi
st.o
-rw-r--r-- rjanetz/sunuser 8316 2001-05-03 14:36:13 tpa41jpd/codes/gentpa/acut
ec.o
-rw-r--r-- rjanetz/sunuser 7748 2001-05-03 14:36:15 tpa41jpd/codes/gentpa/edrc
rp.o
-rw-r--r-- rjanetz/sunuser 5456 2001-05-03 14:36:17 tpa41jpd/codes/gentpa/chai
n.o
-rw-r--r-- rjanetz/sunuser 7668 2001-05-03 14:36:18 tpa41jpd/codes/gentpa/extc
al.o
-rw-r--r-- rjanetz/sunuser 3280 2001-05-03 14:36:19 tpa41jpd/codes/gentpa/aquc
al.o
-rw-r--r-- rjanetz/sunuser 4056 2001-05-03 14:36:20 tpa41jpd/codes/gentpa/pack
ag.o
-rw-r--r-- rjanetz/sunuser 3668 2001-05-03 14:36:20 tpa41jpd/codes/gentpa/intp

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ol.o
-rw-r--r-- rjanetz/sunuser 5916 2001-05-03 14:36:22 tpa41jpd/codes/gentpa/dkha
rv.o
-rw-r--r-- rjanetz/sunuser 7220 2001-05-03 14:36:23 tpa41jpd/codes/gentpa/ritm
ed.o
-rw-r--r-- rjanetz/sunuser 12296 2001-05-03 14:36:25 tpa41jpd/codes/gentpa/airc
al.o
-rw-r--r-- rjanetz/sunuser 5764 2001-05-03 14:36:27 tpa41jpd/codes/gentpa/inhc
al.o
-rw-r--r-- rjanetz/sunuser 2648 2001-05-03 14:36:27 tpa41jpd/codes/gentpa/drkc
al.o
drwxr-xr-x rjanetz/sunuser 0 2001-05-01 16:02:14 tpa41jpd/codes/itym/
-rw-r--r-- rjanetz/sunuser 598 2000-03-29 12:25:30 tpa41jpd/codes/itym/makefi
le
drwxr-xr-x rjanetz/sunuser 0 2001-05-01 16:02:16 tpa41jpd/codes/itym/src/
-rw-r--r-- rjanetz/sunuser 29776 2000-03-22 15:15:19 tpa41jpd/codes/itym/src/ar
ray.f
-rw-r--r-- rjanetz/sunuser 15856 2000-03-22 15:15:19 tpa41jpd/codes/itym/src/ch
eck_valid.f
-rw-r--r-- rjanetz/sunuser 51799 2000-03-22 15:15:20 tpa41jpd/codes/itym/src/es
timator.f
-rw-r--r-- rjanetz/sunuser 3879 2000-03-22 15:15:21 tpa41jpd/codes/itym/src/in
it_itym.f
-rw-r--r-- rjanetz/sunuser 5860 2000-03-22 15:15:21 tpa41jpd/codes/itym/src/it
ym.f
-rw-r--r-- rjanetz/sunuser 8275 2000-03-22 15:15:22 tpa41jpd/codes/itym/src/it
ym.i
-rw-r--r-- rjanetz/sunuser 22817 2000-03-22 15:15:22 tpa41jpd/codes/itym/src/it
ymutils.f
-rw-r--r-- rjanetz/sunuser 261 2000-03-22 15:15:23 tpa41jpd/codes/itym/src/pa
th.i
-rw-r--r-- rjanetz/sunuser 55 2000-03-22 15:15:23 tpa41jpd/codes/itym/src/pr
euzf.i
-rw-r--r-- rjanetz/sunuser 42671 2000-03-22 15:15:24 tpa41jpd/codes/itym/src/ra
n.f
-rw-r--r-- rjanetz/sunuser 36046 2000-03-22 15:15:25 tpa41jpd/codes/itym/src/st
rtokfunc.f
-rw-r--r-- rjanetz/sunuser 40954 2000-03-22 15:15:25 tpa41jpd/codes/itym/src/un
certain.f
-rw-r--r-- rjanetz/sunuser 12265 2000-03-22 15:15:26 tpa41jpd/codes/itym/src/un
certain.i
-rw-r--r-- rjanetz/sunuser 55 2000-03-22 15:15:26 tpa41jpd/codes/itym/src/un
ctab.i
-rw-r--r-- rjanetz/sunuser 10904 2000-03-22 15:15:28 tpa41jpd/codes/itym/src/zp
ortunx.f
-rwxr-xr-x rjanetz/sunuser 285148 2001-05-03 14:35:24 tpa41jpd/codes/envin.e
-rwxr-xr-x rjanetz/sunuser 391964 2001-05-03 14:31:47 tpa41jpd/codes/nefmks.e
-rwxr-xr-x rjanetz/sunuser 99400 2001-05-03 14:32:08 tpa41jpd/codes/failt.e
-rwxr-xr-x rjanetz/sunuser 113164 2001-05-03 14:32:50 tpa41jpd/codes/releaset.e
-rwxr-xr-x rjanetz/sunuser 162484 2001-05-03 14:33:38 tpa41jpd/codes/ashplume.e
-rwxr-xr-x rjanetz/sunuser 190472 2001-05-03 14:34:11 tpa41jpd/codes/snllhs.e
-rwxr-xr-x rjanetz/sunuser 42012 2001-05-03 14:34:16 tpa41jpd/codes/ebsfilt.e
-rwxr-xr-x rjanetz/sunuser 197444 2001-05-03 14:36:30 tpa41jpd/codes/env.e
-rw-rw-rw- rjanetz/sunuser 10873 2003-09-03 17:39:17 tpa41jpd/condxyzt.f
-rw-r--r-- rjanetz/sunuser 3268 2001-05-03 14:29:41 tpa41jpd/condxyzt.o
drwxr-xr-x rjanetz/sunuser 0 2001-10-19 14:33:45 tpa41jpd/data/
-rw-r--r-- rjanetz/sunuser 106515 2000-03-16 19:10:56 tpa41jpd/data/multiflo.dat
-rw-r--r-- rjanetz/sunuser 4506 2000-02-07 15:54:10 tpa41jpd/data/strmtube.dat
-rw-r--r-- rjanetz/sunuser 850000 1997-08-15 10:13:17 tpa41jpd/data/climato1.dat
-rw-r--r-- rjanetz/sunuser 2200 1999-02-01 17:48:41 tpa41jpd/data/climato2.dat
-rw-r--r-- rjanetz/sunuser 2033 2000-03-15 09:00:56 tpa41jpd/data/dilution.dat
-rw-r--r-- rjanetz/sunuser 5146 2000-01-20 20:58:43 tpa41jpd/data/ebsfail.def
-rw-r--r-- rjanetz/sunuser 4541 2000-03-21 19:09:12 tpa41jpd/data/ebsrel.def
-rw-r--r-- rjanetz/sunuser 548 2000-09-21 14:08:27 tpa41jpd/data/repdes.dat
-rw-r--r-- rjanetz/sunuser 7461 2001-03-23 15:47:13 tpa41jpd/data/ia.dat

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-rw-r--r-- rjanetz/sunuser 20462 2000-03-22 09:11:44 tpa41jpd/data/itym.dat
-rw-r--r-- rjanetz/sunuser 489858 2000-03-22 09:04:17 tpa41jpd/data/soildem.dat
-rw-r--r-- rjanetz/sunuser 298679 2000-03-22 09:04:15 tpa41jpd/data/elevdem.dat
-rw-r--r-- rjanetz/sunuser 121789 2000-03-22 09:04:13 tpa41jpd/data/bunitdem.dat
-rw-r--r-- rjanetz/sunuser 10978 2000-03-22 09:04:15 tpa41jpd/data/maswtbl.dat
-rw-r--r-- rjanetz/sunuser 119673 2000-03-22 09:04:19 tpa41jpd/data/sunitdem.dat
-rw-r--r-- rjanetz/sunuser 471041 2000-03-22 09:04:21 tpa41jpd/data/winddem.dat
-rw-r--r-- rjanetz/sunuser 3048 2000-09-15 16:02:35 tpa41jpd/data/gs_cb_ad.dat
-rw-r--r-- rjanetz/sunuser 2487 1998-06-04 14:48:27 tpa41jpd/data/gs_cb_ci.dat
-rw-r--r-- rjanetz/sunuser 3045 2000-09-15 16:02:39 tpa41jpd/data/gs_pb_ad.dat
-rw-r--r-- rjanetz/sunuser 2487 1998-06-04 14:48:29 tpa41jpd/data/gs_pb_ci.dat
-rw-r--r-- rjanetz/sunuser 162404 2000-05-08 15:41:17 tpa41jpd/data/tefkti.inp
-rw-r--r-- rjanetz/sunuser 73692 2001-03-23 15:47:56 tpa41jpd/data/tpanames.dbs
-rw-r--r-- rjanetz/sunuser 790 1998-05-28 17:19:44 tpa41jpd/data/ebsfilt.def
-rw-r--r-- rjanetz/sunuser 519 2000-10-19 15:57:39 tpa41jpd/data/drythick.dat
-rw-r--r-- rjanetz/sunuser 4591 2000-10-19 15:58:04 tpa41jpd/data/nuclides.dat
-rw-r--r-- rjanetz/sunuser 1025 2000-03-29 15:22:13 tpa41jpd/data/burnup.dat
-rw-r--r-- rjanetz/sunuser 17410 2000-02-02 09:33:10 tpa41jpd/data/wpflow.def
-rw-r--r-- rjanetz/sunuser 965 2000-02-11 18:48:43 tpa41jpd/data/FILENAME.DAT
-rw-r--r-- rjanetz/sunuser 6513 2000-02-11 18:48:43 tpa41jpd/data/gbioacl.dat
-rw-r--r-- rjanetz/sunuser 3383 2000-02-11 18:48:44 tpa41jpd/data/gdefault.def
-rw-r--r-- rjanetz/sunuser 64 2000-02-11 18:48:44 tpa41jpd/data/gdosinc2.dat
-rw-r--r-- rjanetz/sunuser 7011 2000-02-11 18:48:45 tpa41jpd/data/gftrans.def
-rw-r--r-- rjanetz/sunuser 15214 2000-02-11 18:48:45 tpa41jpd/data/ggamen.dat
-rw-r--r-- rjanetz/sunuser 13855 2000-02-11 18:48:46 tpa41jpd/data/ggenii.def
-rw-r--r-- rjanetz/sunuser 5351 2000-02-11 18:48:47 tpa41jpd/data/ggrdf.dat
-rw-r--r-- rjanetz/sunuser 9897 2000-03-29 15:20:22 tpa41jpd/data/gnewdf.dat
-rw-r--r-- rjanetz/sunuser 13200 2000-03-20 10:14:32 tpa41jpd/data/grmdlib.dat
-rw-r--r-- rjanetz/sunuser 943774 2000-03-29 15:57:15 tpa41jpd/data/maidtbl.dat
-rw-r--r-- rjanetz/sunuser 7111 2000-09-24 19:35:56 tpa41jpd/data/organdf.dat
-rw-r--r-- rjanetz/sunuser 120540 2001-10-19 14:07:54 tpa41jpd/data/temp
-rw-r--r-- rjanetz/sunuser 563 2001-10-19 14:39:40 tpa41jpd/data/quad.f
-rwxr-xr-x rjanetz/sunuser 28524 2001-10-19 14:33:45 tpa41jpd/data/a.out
-rw-r--r-- rjanetz/sunuser 20930 2000-09-26 19:22:25 tpa41jpd/dcags.f
-rw-r--r-- rjanetz/sunuser 36256 2001-05-03 14:24:32 tpa41jpd/dcags.o
-rw-r--r-- rjanetz/sunuser 118591 2001-02-02 09:39:18 tpa41jpd/dcagw.f
-rw-r--r-- rjanetz/sunuser 315084 2001-05-03 14:24:15 tpa41jpd/dcagw.o
-rw-r--r-- rjanetz/sunuser 74 2000-02-02 20:38:26 tpa41jpd/driftsa.i
-rw-r--r-- rjanetz/sunuser 33222 2000-09-26 19:22:28 tpa41jpd/ebsfail.f
-rw-r--r-- rjanetz/sunuser 92308 2001-05-03 14:25:02 tpa41jpd/ebsfail.o
-rw-r--r-- rjanetz/sunuser 50784 2000-09-26 19:22:29 tpa41jpd/ebsrel.f
-rw-r--r-- rjanetz/sunuser 127496 2001-05-03 14:25:32 tpa41jpd/ebsrel.o
-rw-r--r-- rjanetz/sunuser 280312 2001-05-08 14:27:15 tpa41jpd/exec.f
-rw-r--r-- rjanetz/sunuser 1838 1998-05-28 17:25:58 tpa41jpd/execa.i
-rw-r--r-- rjanetz/sunuser 486 1997-09-03 17:54:54 tpa41jpd/execb.i
-rw-r--r-- rjanetz/sunuser 173 2000-09-24 19:30:22 tpa41jpd/execc.i
-rw-r--r-- rjanetz/sunuser 8503 2000-09-26 19:22:35 tpa41jpd/faulto.f
-rw-r--r-- rjanetz/sunuser 10532 2001-05-03 14:25:34 tpa41jpd/faulto.o
-rw-r--r-- rjanetz/sunuser 6482 2000-09-26 19:22:36 tpa41jpd/fileunit.f
-rw-r--r-- rjanetz/sunuser 8636 2001-05-03 14:29:44 tpa41jpd/fileunit.o
-rw-r--r-- rjanetz/sunuser 5784 2000-09-26 19:22:37 tpa41jpd/findelev.f
-rw-r--r-- rjanetz/sunuser 9560 2001-05-03 14:29:45 tpa41jpd/findelev.o
-rw-r--r-- rjanetz/sunuser 60 1997-08-16 13:32:21 tpa41jpd/ful.i
-rw-r--r-- rjanetz/sunuser 478 2000-03-10 17:28:34 tpa41jpd/fu2.i
-rw-r--r-- rjanetz/sunuser 1229 1999-07-22 09:07:03 tpa41jpd/ia.i
-rw-r--r-- rjanetz/sunuser 956 2000-09-26 18:44:08 tpa41jpd/ial.i
-rw-r--r-- rjanetz/sunuser 38724 2000-09-26 19:22:38 tpa41jpd/iareader.f
-rw-r--r-- rjanetz/sunuser 58064 2001-05-03 14:25:44 tpa41jpd/iareader.o
-rw-r--r-- rjanetz/sunuser 44389 2000-09-26 19:22:39 tpa41jpd/invent.f
-rw-r--r-- rjanetz/sunuser 51148 2001-05-03 14:25:52 tpa41jpd/invent.o
-rw-r--r-- rjanetz/sunuser 57 1997-08-16 13:32:23 tpa41jpd/inventa.i
-rw-r--r-- rjanetz/sunuser 109 1997-08-16 13:32:24 tpa41jpd/inventb.i
-rw-r--r-- rjanetz/sunuser 194 1997-08-16 13:32:24 tpa41jpd/inventc.i
-rw-r--r-- rjanetz/sunuser 62 1997-08-16 13:32:25 tpa41jpd/inventd.i
-rw-r--r-- rjanetz/sunuser 66 1997-08-16 13:32:26 tpa41jpd/invente.i

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-rw-r--r-- rjanetz/sunuser      65 1997-08-16 13:32:27 tpa41jpd/inventf.i
-rw-r--r-- rjanetz/sunuser      64 1997-08-16 13:32:27 tpa41jpd/inventg.i
-rw-r--r-- rjanetz/sunuser      64 1997-08-16 13:32:28 tpa41jpd/inventh.i
-rw-r--r-- rjanetz/sunuser      75 1997-08-16 13:32:29 tpa41jpd/inventi.i
-rw-r--r-- rjanetz/sunuser      72 1997-08-16 13:32:30 tpa41jpd/inventj.i
-rw-r--r-- rjanetz/sunuser     106 1997-08-16 13:32:30 tpa41jpd/inventk.i
-rw-r--r-- rjanetz/sunuser      75 1997-08-16 13:32:31 tpa41jpd/inventl.i
-rw-r--r-- rjanetz/sunuser      78 1997-08-16 13:32:32 tpa41jpd/inventm.i
-rw-r--r-- rjanetz/sunuser     104 1997-08-16 13:32:32 tpa41jpd/inventn.i
-rw-r--r-- rjanetz/sunuser     249 2000-01-29 09:31:23 tpa41jpd/invento.i
-rw-r--r-- rjanetz/sunuser     199 2000-09-24 19:30:54 tpa41jpd/inventp.i
-rw-r--r-- rjanetz/sunuser      78 1997-08-16 13:32:33 tpa41jpd/max500yr.i
-rw-r--r-- rjanetz/sunuser      99 1997-08-16 13:32:34 tpa41jpd/maxchain.i
-rw-r--r-- rjanetz/sunuser     281 1998-05-21 14:31:59 tpa41jpd/maxnnucl.i
-rw-r--r-- rjanetz/sunuser     299 1998-07-10 15:15:51 tpa41jpd/maxnsuba.i
-rw-r--r-- rjanetz/sunuser     206 1999-05-28 11:01:07 tpa41jpd/maxntime.i
-rw-r--r-- rjanetz/sunuser    11850 2001-03-23 15:45:57 tpa41jpd/mv.f
-rw-r--r-- rjanetz/sunuser    20040 2001-05-03 14:25:54 tpa41jpd/mv.o
-rw-r--r-- rjanetz/sunuser      11 1997-09-04 14:39:30 tpa41jpd/mva.i
-rw-r--r-- rjanetz/sunuser      56 1997-08-16 13:32:37 tpa41jpd/mvb.i
-rw-r--r-- rjanetz/sunuser      57 1997-08-16 13:32:38 tpa41jpd/mvc.i
-rw-r--r-- rjanetz/sunuser     101 1997-08-16 13:32:39 tpa41jpd/mvd.i
-rw-r--r-- rjanetz/sunuser      72 1997-08-16 13:32:40 tpa41jpd/mve.i
-rw-r--r-- rjanetz/sunuser      72 1997-08-16 13:32:40 tpa41jpd/mvf.i
-rw-r--r-- rjanetz/sunuser    76729 2000-09-26 19:22:42 tpa41jpd/nfenv.f
-rw-r--r-- rjanetz/sunuser   88484 2001-05-03 14:26:21 tpa41jpd/nfenv.o
-rw-r--r-- rjanetz/sunuser      94 1997-08-16 13:32:41 tpa41jpd/nintv.i
-rw-r--r-- rjanetz/sunuser     1502 1997-06-11 16:21:39 tpa41jpd/notice.i
-rw-rw-rw- rjanetz/sunuser     9168 2003-09-03 17:42:02 tpa41jpd/numrecip.f
-rw-r--r-- rjanetz/sunuser     4692 2001-05-03 14:29:41 tpa41jpd/numrecip.o
-rw-r--r-- rjanetz/sunuser      259 1997-08-16 13:34:50 tpa41jpd/path.i
-rw-r--r-- rjanetz/sunuser     6584 2000-09-26 19:22:44 tpa41jpd/peakfind.f
-rw-r--r-- rjanetz/sunuser     6772 2001-05-03 14:29:42 tpa41jpd/peakfind.o
-rw-rw-rw- rjanetz/sunuser    47580 2003-09-03 17:43:11 tpa41jpd/ran.f
-rw-r--r-- rjanetz/sunuser   100044 2001-05-03 14:29:39 tpa41jpd/ran.o
-rw-r--r-- rjanetz/sunuser   125254 2001-03-23 15:46:03 tpa41jpd/reader.f
-rw-r--r-- rjanetz/sunuser     185 1998-05-21 14:30:57 tpa41jpd/reader.i
-rw-r--r-- rjanetz/sunuser   386980 2001-05-03 14:28:03 tpa41jpd/reader.o
-rw-r--r-- rjanetz/sunuser     106 1999-08-27 15:20:53 tpa41jpd/reader1.i
-rw-r--r-- rjanetz/sunuser      58 1999-08-27 15:20:52 tpa41jpd/reader2.i
-rw-r--r-- rjanetz/sunuser     102 1999-08-27 15:20:53 tpa41jpd/reader3.i
-rw-r--r-- rjanetz/sunuser      89 1999-08-27 15:20:54 tpa41jpd/reader4.i
-rw-r--r-- rjanetz/sunuser      58 1997-08-16 13:32:42 tpa41jpd/reflux2.i
-rw-r--r-- rjanetz/sunuser     87110 2001-03-23 15:46:08 tpa41jpd/sampler.f
-rw-r--r-- rjanetz/sunuser   160924 2001-05-03 14:28:25 tpa41jpd/sampler.o
-rw-r--r-- rjanetz/sunuser      62 1997-08-16 13:32:43 tpa41jpd/sampler0.i
-rw-r--r-- rjanetz/sunuser      79 1997-08-16 13:32:43 tpa41jpd/sampler1.i
-rw-r--r-- rjanetz/sunuser      62 1997-08-16 13:32:44 tpa41jpd/sampler2.i
-rw-r--r-- rjanetz/sunuser     178 1998-04-03 18:50:53 tpa41jpd/sampler3.i
-rw-r--r-- rjanetz/sunuser     145 2000-09-19 17:56:41 tpa41jpd/sampler4.i
-rw-r--r-- rjanetz/sunuser      62 1997-08-16 13:32:45 tpa41jpd/sampler.a.i
-rw-r--r-- rjanetz/sunuser      62 1997-08-16 13:32:46 tpa41jpd/samplerb.i
-rw-r--r-- rjanetz/sunuser      62 1997-08-16 13:32:46 tpa41jpd/samplerc.i
-rw-r--r-- rjanetz/sunuser      68 1997-08-16 13:32:47 tpa41jpd/samplerd.i
-rw-r--r-- rjanetz/sunuser     133 1997-08-16 13:32:48 tpa41jpd/sampler.e.i
-rw-r--r-- rjanetz/sunuser     111 1997-08-16 13:32:48 tpa41jpd/samplerf.i
-rw-r--r-- rjanetz/sunuser      84 1997-08-16 13:32:49 tpa41jpd/sampler.g.i
-rw-r--r-- rjanetz/sunuser      68 1997-08-16 13:32:50 tpa41jpd/sampler.h.i
-rw-r--r-- rjanetz/sunuser      83 1997-08-16 13:32:51 tpa41jpd/sampler.i.i
-rw-r--r-- rjanetz/sunuser      61 1997-08-16 13:32:51 tpa41jpd/sampler.j.i
-rw-r--r-- rjanetz/sunuser     208 1997-08-16 13:32:52 tpa41jpd/sampler.k.i
-rw-r--r-- rjanetz/sunuser     104 1997-08-16 13:32:53 tpa41jpd/sampler.l.i
-rw-r--r-- rjanetz/sunuser      63 1997-08-16 13:32:54 tpa41jpd/sampler.m.i
-rw-r--r-- rjanetz/sunuser      79 1997-08-16 13:32:54 tpa41jpd/sampler.n.i
-rw-r--r-- rjanetz/sunuser      63 1997-08-16 13:32:55 tpa41jpd/sampler.o.i

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-rw-r--r-- rjanetz/sunuser      120 1997-08-16 13:32:56 tpa41jpd/samplerp.i
-rw-r--r-- rjanetz/sunuser      103 1997-08-16 13:32:57 tpa41jpd/samplerq.i
-rw-r--r-- rjanetz/sunuser      176 1997-08-16 13:32:57 tpa41jpd/samplerr.i
-rw-r--r-- rjanetz/sunuser      336 1998-04-03 19:02:35 tpa41jpd/samplers.i
-rw-r--r-- rjanetz/sunuser       70 1997-08-16 13:32:59 tpa41jpd/samplert.i
-rw-r--r-- rjanetz/sunuser       69 1997-08-16 13:33:00 tpa41jpd/sampleru.i
-rw-r--r-- rjanetz/sunuser       62 1997-08-16 13:33:01 tpa41jpd/samplerv.i
-rw-r--r-- rjanetz/sunuser       60 1997-08-16 13:33:01 tpa41jpd/samplerw.i
-rw-r--r-- rjanetz/sunuser       90 1997-08-16 13:33:02 tpa41jpd/samplerx.i
-rw-r--r-- rjanetz/sunuser      299 2001-04-30 15:29:47 tpa41jpd/samplery.i
-rw-r--r-- rjanetz/sunuser       60 1997-08-16 13:33:04 tpa41jpd/samplerz.i
-rw-r--r-- rjanetz/sunuser      40898 2000-09-26 19:22:50 tpa41jpd/seismo.f
-rw-r--r-- rjanetz/sunuser     30188 2001-05-03 14:28:31 tpa41jpd/seismo.o
-rw-r--r-- rjanetz/sunuser       144 1997-09-03 11:09:30 tpa41jpd/stop.i
-rw-r--r-- rjanetz/sunuser     36413 2000-09-26 19:22:52 tpa41jpd/subarea.f
-rw-r--r-- rjanetz/sunuser     51604 2001-05-03 14:28:45 tpa41jpd/subarea.o
-rw-r--r-- rjanetz/sunuser       255 2000-02-04 10:45:20 tpa41jpd/subareaa.i
-rw-r--r-- rjanetz/sunuser       79 1997-08-16 13:33:07 tpa41jpd/subareab.i
-rw-r--r-- rjanetz/sunuser       82 1997-08-16 13:33:07 tpa41jpd/subareac.i
-rw-r--r-- rjanetz/sunuser       81 1997-08-16 13:33:08 tpa41jpd/subaread.i
-rw-r--r-- rjanetz/sunuser       77 1997-08-16 13:33:09 tpa41jpd/subareae.i
-rw-r--r-- rjanetz/sunuser     70763 2000-12-01 09:28:14 tpa41jpd/szft.f
-rw-r--r-- rjanetz/sunuser       60 2000-02-03 08:08:30 tpa41jpd/subareaf.i
-rw-r--r-- rjanetz/sunuser       64 2000-02-02 20:38:43 tpa41jpd/subareag.i
-rw-r--r-- rjanetz/sunuser       60 2000-02-07 15:53:49 tpa41jpd/szft.i
-rw-r--r-- rjanetz/sunuser    137488 2001-05-03 14:26:49 tpa41jpd/szft.o
-rwxr-xr-x rjanetz/sunuser    1949852 2001-05-03 14:29:53 tpa41jpd/tpa.e
-rw-rw-rw- rjanetz/sunuser     65676 2003-08-28 15:12:25 tpa41jpd/tpa.inp
-r--r--r-- rjanetz/sunuser     9325 2000-09-26 20:04:42 tpa41jpd/tpa_.out
-rw-r--r-- rjanetz/sunuser       314 1997-08-16 13:33:10 tpa41jpd/uz_climi.i
-rw-r--r-- rjanetz/sunuser       926 1997-08-16 13:33:11 tpa41jpd/uz_climr.i
-rw-r--r-- rjanetz/sunuser       341 1997-08-16 13:33:12 tpa41jpd/uz_climz.i
-rw-r--r-- rjanetz/sunuser       868 2001-03-23 15:37:09 tpa41jpd/uz_flowi.i
-rw-r--r-- rjanetz/sunuser       952 2000-02-04 09:45:35 tpa41jpd/uz_flowr.i
-rw-r--r-- rjanetz/sunuser       176 1997-08-16 13:33:14 tpa41jpd/uz_flowz.i
-rw-r--r-- rjanetz/sunuser     3070 2000-02-04 09:45:39 tpa41jpd/uz_parms.i
-rw-r--r-- rjanetz/sunuser     51188 2001-03-14 13:54:25 tpa41jpd/uzflow.f
-rw-r--r-- rjanetz/sunuser     63944 2001-05-03 14:28:57 tpa41jpd/uzflow.o
-rw-r--r-- rjanetz/sunuser     89065 2000-09-26 19:23:00 tpa41jpd/uzft.f
-rw-r--r-- rjanetz/sunuser    171304 2001-05-03 14:29:22 tpa41jpd/uzft.o
-rw-r--r-- rjanetz/sunuser     14215 2000-09-26 19:23:01 tpa41jpd/volcano.f
-rw-r--r-- rjanetz/sunuser     17408 2001-05-03 14:29:26 tpa41jpd/volcano.o
-rw-r--r-- rjanetz/sunuser     11721 2000-09-26 19:23:03 tpa41jpd/zportunx.f
-rw-r--r-- rjanetz/sunuser       1924 2001-05-03 14:29:45 tpa41jpd/zportunx.o

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