

(Intended primarily for internal distribution)

## ACKNOWLEDGMENTS

We thank the members of the various ANL organizations who completed the informational survey forms. We also thank Mike Boxberger, Fred Moszur, James Regula, and Dennis Tussing for contributing to and reviewing the *Survey*. Special thanks goes to John Jasunas for his patience, perseverance, and assistance in collecting and organizing the individual survey information.

We have created this document with Microsoft Word on the Apple Macintosh for printing on the Linotype L300P typesetter.

## HOW TO USE THE SURVEY

The Computing and Telecommunications Division (CTD) has compiled this *Survey of ANL Organization plans for Word Processors, Personal Computers, Workstations, and Associated Software* (ANL/TM, Revision 4) to provide DOE and Argonne with a record of recent growth in the acquisition and use of personal computers, microcomputers, and word processors at ANL. Laboratory planners, service providers, and people involved in office automation may find the *Survey* useful. It is for internal use only, and any unauthorized use is prohibited.

Readers of the *Survey* should use it as a reference document that (1) documents the plans of each organization for office automation, (2) identifies appropriate planners and other contact people in those organizations, and (3) encourages the sharing of this information among those people making plans for organizations and decisions about office automation. The *Survey* supplements information in both the *ANL Statement of Site Strategy for Computing Workstations* (ANL/TM 458) and the *ANL Site Response for the DOE Information Technology Resources Long-Range Plan* (ANL/TM 466).

CTD's procedure for compiling this *Survey* has been to request that each organization provide the following information in previously formatted tables:

- Contact person(s), subject, phone number, and e-mail address.
- Numbers of personal computers and workstations that existed in FY1991, that exist in FY1992 and that will exist in FY1993.
- Numbers of word processors that existed in FY1991, that exist in FY1992, and that will exist in FY1993.
- Names and numbers of software packages that will be in use by September 1992.
- Numbers of network connections that exist in FY1992 and that will exist in FY1993.
- Additional plans for office automation.

If a cost center did not provide information for a table, we omitted that table from the *Survey*.

"N/A" symbolizes a number that a cost center did not provide in a completed table.

The following organizations did not participate in FY1993:

- Argonne West--EBR-II (Cost Center 102)
- Argonne West--Radiation Monitoring (Cost Center 551)
- Argonne West--Safety Staff (Cost Center 536)
- Argonne West--Special Materials (Cost Center 532)

Use the appropriate prefix for your site to call extensions listed for individual contacts.



Advanced Photon Source (Cost Center 130) .....	1
Argonne East-Experiment Analysis (Cost Center 104) .....	4
Argonne West--Analytical Laboratory (Cost Center 104).....	6
Argonne West--Bldg T-2/T2A/FMF (Cost Center 104).....	8
Argonne West--Communications and Computing Services (Cost Center 552) .....	11
Argonne West-- Fuel Cycle (Cost Center 118).....	14
Argonne West--Machine Shop (Cost Center 554).....	16
Argonne West--Office of Operational Safety (Cost Center 570) .....	18
Argonne West--Office of Quality Assurance (Cost Center 102).....	20
Argonne West--Plant Services (Cost Center 557) .....	22
Argonne West Reactor Program Services Division--Accounting (Cost Center 533) .....	24
Argonne West Reactor Program Services Division--Division Office (Cost Center 530).....	26
Argonne West Reactor Program Services Division--Environmental Waste Management (Cost Center 536).....	28
Argonne West Reactor Program Services Division-- Food Services (Cost Center 559).....	30
Argonne West Reactor Program Services Division--Human Resources (Cost Center 531) .....	31
Argonne West Reactor Program Services Division--Information Services (Cost Center 537).....	33
Argonne West Reactor Program Services Division--Procurement (Cost Center 534) .....	35
Argonne West Reactor Program Services Division--Radiation Fire Safety (Cost Center 551) .....	36
Argonne West Reactor Program Services Division--Receiving and Inspection (Cost Center 561) .....	38
Argonne West Reactor Program Services Division--Safeguards (Cost Center 532).....	40
Argonne West Reactor Program Services Division--Security (Cost Center 535) .....	42
Argonne West Reactor Program Services Division--Supply (Cost Center 538) .....	44
Argonne West--Site Engineering/Project Management (Cost Center 556).....	46
Biological and Medical Research (Cost Center 110).....	49
Building Maintenance (Cost Center 501) .....	51
Central Shops (Cost Center 210) .....	53
Chemical Technology (Cost Centers 107 AND 269) .....	55
Chemistry (Cost Center 120) .....	57
Chief Operations Officer (Cost Center 202) .....	61
Computing and Telecommunications Division (Cost Centers 146, 245, 247, and 296).....	63
Custodial (Cost Center 504).....	65
DIN (Cost Center 509) .....	66
Division of Educational Programs (Cost Center 139).....	67
Electronics (Cost Center 143) .....	69
Energy, Environmental, and Biological Research Program Administration (Cost Center 274).....	71
Energy Systems (Cost Center 155) .....	73
Engineering Physics (Cost Centers 115, 117, and 211).....	75
Engineering Research (Cost Centers 171 and 271).....	77
Environment, Safety, and Health/Quality Assurance Oversight (Cost Center 333) .....	79
Environment, Safety, and Health Division-Division Office (Cost Center 235) .....	81
Environment, Safety, and Health Division-Dosimetry and Analytical Services (External Dosimetry) (Cost Center 235) .....	83
Environment, Safety, and Health Division-Dosimetry and Analytical Services (Internal Dosimetry) (Cost Center 235) .....	84
Environment, Safety and Health Division--Emergency Management (Cost Center 235) .....	86
Environment, Safety and Health Division--Fire Protection (Cost Center 235) .....	88
Environment, Safety, and Health Division-Health Physics (Cost Center 235).....	90
Environment, Safety, and Health Division-Industrial Hygiene (Cost Center 235).....	93
Environment, Safety, and Health Division-Safety Engineering Section (Cost Center 235).....	95
Environment, Safety, and Health Division-Training and Quality Assurance (Cost Center 235) .....	97
Environmental Assessment and Information Sciences Division (Cost Center 165).....	99
Environmental Research Division (Cost Center 149).....	102
Environment and Waste Management Program (Cost Center 140).....	105
Facilities Planning/Engineering (Cost Center 512) .....	107
Fire Department (Cost Center 236) .....	109
Health Department (Cost Center 148).....	110
High Energy Physics (Cost Center 137) .....	112

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Human Resources (Cost Center 410 and 416) .....	114
Inspections (Cost Center 336) .....	116
Intense Pulsed Neutron Source Program (Cost Center 136) .....	117
Lodging Facilities (Cost Center 222) .....	119
Materials Science Division (Cost Center 105) .....	120
Materials and Components Technology (Cost Center 114) .....	122
Materials and Services Department (Cost Center 315) .....	124
Mathematics and Computer Science (Cost Center 145) .....	126
Media Services Department (Cost Center 260) .....	128
Motion Picture Unit (Cost Center 276) .....	130
Office of the Chief Financial Officer (Cost Centers 400, 401, 402, and 403) .....	132
Office of the Director (Cost Center 201) .....	134
Office of Public Affairs (Cost Center 275) .....	136
Physical Research (Cost Center 273) .....	138
Plant Facilities and Services--Plant Manager's Office (Cost Center 506) .....	140
Procurement Department (Cost Center 322) .....	142
Reactor Analysis (Cost Center 116) .....	144
Reactor Engineering (Cost Center 112) .....	147
Secretarial and Clerical Services (Cost Center 416) .....	149
Security (Cost Center 232) .....	150
Special Materials (Cost Center 150) .....	152
Special Projects Office (Cost Center 197) .....	154
Support Services Division (Cost Center 216) .....	156
Technical Communications Service Department (Cost Center 265) .....	158
Technical Information Services Department (Cost Center 161) .....	161
Travel Office (Cost Center 319) .....	163
Utility Systems (Cost Center 510) .....	164
Vehicle Maintenance (Cost Centers 316, 317, and 503) .....	165
Waste Management Operations (Cost Center 505) .....	167

**Advanced Photon Source (Cost Center 130)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Bill Kator	Inventory	4240	6500	KATORW@ANLAPS

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	9	9	9
Apple (II, Macintosh)	64	64	90
Compaq	63	63	70
Sun	45	45	100
Dec Workstation	2	2	6
VAX Station	6	6	9
AST	2	2	2
Dell	6	6	8
DTK	4	4	4
Enerex	1	1	1
Epson	2	2	3
GesPac	1	1	1
Hewlett Packard	1	1	1
MicroStar	1	1	1
Northgate	1	1	1
Standard	0	2	3
Toshiba	2	2	2
Zenith	2	2	2
Zeos	1	1	1
PC Brand	0	0	1
Gateway	0	0	24
TriStar	0	0	1

Software		
<i>Word Processing/Editing</i>		
MacWrite	(45)	
Word	(45)	
WordStar	(3)	
WordPerfect	(24)	
Correct Grammer	(1)	
<i>Utilities</i>		
Norton Commander	(25)	
Norton Utilities	(35)	
MacTools	(2)	
PC Tools	(10)	
QEMM	(150)	
Sidekick	(4)	
Sideways	(1)	
Suitcase II	(1)	
After Dark	(20)	
<i>Database</i>		
DBase III	(3)	
DBase IV	(1)	
FileMaker	(2)	
<i>Integrated Packages</i>		
Microsoft Works	(1)	
MS Windows	(100)	
<i>Spreadsheet</i>		
Quattro	(1)	
Lotus 1-2-3	(15)	
Excel	(50)	
<i>Operating Systems</i>		
20/20 DOS	(1)	
<i>DOS Utility</i>		
FastBack	(2)	
<i>Communication/Terminal Emulation</i>		
NCSA Telnet	(4)	
Kermit	(72)	
REFLECTIONS	(72)	
SmarTerm	(1)	
VersaTerm	(30)	
<i>Graphics</i>		
MacDraw	(7)	
MacPaint	(4)	
MacDraft	(2)	
Cricket Graph	(2)	
GEM	(2)	
Harvard Graphics	(6)	
Kalcidagraph	(9)	
PaintBrush	(2)	
Power Point	(1)	
AutoSketch	(1)	
Canvas	(1)	
<i>Network Operating Systems</i>		
PC NFS	(1)	
TOPS	(3)	
<i>Desktop Publishing</i>		
PageMaker	(1)	
<i>Project Management</i>		
MacProject II	(2)	
Harvard Project Manager	(1)	
Professional Plan	(1)	
<i>Languages/Compilers</i>		
Pascal	(5)	
Fortran	(2)	
Turbo Basic	(1)	
Turbo Lightning	(1)	
4th Dimension	(1)	
4D Compiler	(1)	
C Compiler	(14)	
C++ Compiler	(1)	
HyperCard	(2)	
<i>CAE/CAD</i>		
AutoCAD	(30)	
ORCAD	(6)	
Clariscad	(5)	
Easy CAD	(1)	
Math Cad	(1)	



**Software (continued)***Other*

Abecos D	(1)	Back & Forth	(5)	BussPlot	(1)
CALA	(1)	Charisma	(2)	CIRCE	(1)
Dyno	(1)	Electrc 5	(1)	Exodus II	(1)
Fault	(1)	GenSize	(1)	HostAccess	(1)
Image Grabber	(1)	LabView	(3)	Lotus Symphony	(1)
Mathematica	(1)	Mathtype	(2)	On Cue	(2)
OpenWindow	(1)	PE2D	(1)	Promise	(1)
Prototyper	(1)	Pspice	(2)	QUED	(1)
Square D	(1)	Symontec	(2)	T/Maker WriteNow	(1)
Tosca	(2)	Trace Calc	(1)	Webster	(1)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet		
TCP/IP	312	400
DECnet	160	175
Both	32	50
Local AppleTalk	60	60

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** Continue to replace character cell terminals with UNIX and VMS workstations as part of the migration towards distributed computing.

**2. Personal Computing:** Will still be acquiring PCs due to lower cost software. Will be incorporating them into the distributed computing environment.

**3. Local Area Networking:** All PCs and workstations are being networked. Two CISCO routers have been installed. The network is being split into two (1) controls and (2) general users with FDDI interconnect.

**4. Office Automation:** On-line documentation systems for manuals and access to all the CAD drawings are being tested for eventual implementation.

**5. Standardized Software:** Looking more into data exchange between software packages rather than standardized software.

**Argonne East--Experiment Analysis (Cost Center 104)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Gary Batte	All	7340	7026	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991*</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Apple (Mac-Plus, II, ci, cx, si)		1	1
IBM (PC, AT, XT, All Clones)		8	8
Sun Sparc Stations, SLC		2	2
Sun Sparc Stations, IPX		1	1
NCD X Terminals 15S		3	3

\* No figures available for FY1991

**Software**

<i>Word Processing/Editing</i>		<i>Spreadsheet</i>	
WordPerfect (UNIX)	(6)	MS Excel	(3)
<i>Operating Systems</i>		<i>Networking</i>	
Windows	(8)	DATAVIEWS (UNIX)	(1)
DOS	(8)		

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** We will increase both in the quantity and use of personal computers. We will look at using one for the tracking of tasks and resources. We have increased the amount and size of databases and are making them available to all personnel.

**3. Local Area Networking:** We will increase the number of users once we have upgraded to the current version of Novell and will look at bridging to other LANs.

**4. Office Automation:** CDOCS (Classified Document Control System) is being planned for use by all division personnel.

**5. Standardized Software:** Word processing, database, spreadsheet, and graphics packages are being evaluated for standardized use by section personnel.

**Argonne West--Analytical Laboratory (Cost Center 104)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Gary Batte	All	7340	7026	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991*</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Apple (Mac-Plus, II, ci,cx,si)		4	4
IBM (PC, AT, XT)		4	4
PC Clone (486-xx)		1	1
PC Clone (386-xx)		6	6
PC Clone (286-xx)		6	6

\* Figures not available for FY1991

**Software***Word Processing/Editing*

MS Word	(3)
WordPerfect	(10)
Word for Word	(1)
Teach Text	(1)
Word 1.0.3	(1)

*Database*

DBase IV	(2)
DBase III+	(1)
Quattro Pro	(6)
FoxPro	(1)

*Operating Systems*

Windows	(4)
DOS	(8)

*Graphics/CAD*

DrawPerfect	(1)
Adobe Illustrator	(1)
Auto Sketch	(1)
Cricket Graph	(1)
MacDraw	(1)

*Spreadsheet*

Lotus 1-2-3	(1)
MS Excel	(2)

*Communication/Terminal Emulation*

Tellx	(1)
Versaterm Pro	(1)

**Software (continued)**

<i>Utility</i>		<i>Other</i>	
Norton Utilities	(4)	DP500AA	(1)
Virus	(1)	Calendar	(1)
HyperCard	(3)	MacProject	(1)
Fast Back	(1)		
QMM	(1)	<i>Networking</i>	
Norton Backup	(1)	MacLink Translators	(1)
<i>Languages/Compilers</i>			
H.T. Basic	(1)		

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Novell Netware 386	0	5
Lab-Wide Tellabs	4	10
DecNet	0	10
TCP/IP	0	10

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** We will increase both in the quantity and use of personal computers. We will look at using one for the tracking of tasks and resources. We have increased the amount and size of databases and are making them available to all personnel.

**3. Local Area Networking:** We will increase the number of users once we have upgraded to the current version of Novell and will look at bridging to other LANs.

**4. Office Automation:** CDOCS (Classified Document Control System) is being planned for use by all division personnel.

**5. Standardized Software:** Word processing, database, spreadsheet, and graphics packages are being evaluated for standardized use by section personnel.

**Argonne West--Bldg T-2/T2A/FMF (Cost Center 104)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Gary Batte	All	7340	7026	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991*</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Apple (Mac-Plus, II, ci, cx, si)		30	30
IBM (PC, AT, XT, System 2/80-386)		6	6
PC Clone (386xx)		7	7
PC Clone (286-xx)		3	3
Sun Sparc Station IPX		1	1

\* Figures not available for FY1991

**Software****Word Processing/Editing**

MS Word	(25)
WordPerfect	(9)
Word 4.0	(3)
Teach Text	(2)
Word 5.0	(1)
MacWrite	(2)
Correct Grammer	(1)

**Communication/Terminal Emulation**

Tops	(9)
Reflection 7	(1)
MacLink + Translators	(1)
MacLink Plus	(4)
VersaTerm	(4)
LapLink	(1)
Reflection 4	(1)
MacLink PC	(1)

**Database**

DBase IV	(3)
Quattro Pro	(2)
FoxPro	(1)

**Graphics/CAD**

DrawPerfect	(1)
MacDraft	(8)
Auto Sketch	(2)
Cricket Graph	(1)
MacDraw II	(6)
StatView II	(3)
File Vision	(2)
30 Charts	(1)
Generic CADD	(2)
Paste Ease	(3)
LabView II	(2)
MS Chart	(1)
Math CAD	(1)
Kaleido Graph	(1)
MacDraft Graphics	(1)
Delta Graph	(2)

**Spreadsheet**

Lotus 1-2-3	(1)
MS Excel	(23)
Cricket	(4)
Stiffit	(1)

**Software (continued)***Operating Systems*

Microsoft Windows	(8)
DOS	(9)
Xenix	(6)

*Utility*

Norton Utilities	(4)
BackUp Plus	(1)
HyperCard	(9)
On Track	(2)
FileMaker Pro	(1)
MacTools	(2)
Copy II Mac	(1)
Tekalike	(1)
MacTreet	(1)

*Languages/Compilers*

MacFortran	(2)
MS Basic	(4)
Think C	(1)
Mac Basic	(1)
Thinkpascal	(2)
MS Quick Basic	(2)
MS Fortran	(1)

*Other*

MS Multi Plan	(2)
Calendar	(3)
MacProject II	(6)
Dreams	(2)
After Dark	(7)
More After Dark	(6)
Warp 9	(1)

*Networking*

Network Peek	(1)
MSCPal2	(1)
Network 386	(2)
Network 286	(2)
QM Admin.	(2)
TopsNet	(2)
QuickMail	(10)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local AppleTalk	14	14
Novell Netware 386	10	10
Lab-Wide Tellabs	14	14
TCP/IP	4	4

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** We will increase both in the quantity and use of personal computers. We will look at using one for the tracking of tasks and resources. We have increased the amount and size of databases and are making them available to all personnel.

**3. Local Area Networking:** We will increase the number of users once we have upgraded to the current version of Novell and will look at bridging to other LANs.

**4. Office Automation:** CDOCS (Classified Document Control System) is being planned for use by all division personnel.

**5. Standardized Software:** Word processing, database, spreadsheet, and graphics packages are being evaluated for standardized use by section personnel.



**Argonne West--Communications and Computing Services (Cost Center 552)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Gary Batte	All	7340	7026	N/A

**Personal Computers and Workstations**

	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Apple Mac ci	0	1	1
IBM (PC,AT, XT)	0	6	6
PC Clone (486-xx)	0	4	4
PC Clone (386-xx)	0	7	7
PC Clone (286-xx)	0	5	5

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
SilverReed	1	1	1

**Software**

<i>Word Processing/Editing</i>		<i>Database</i>	
MS Word	(1)	DBase IV	(2)
WordPerfect Office	(1)	DBase III+	(2)
WordPerfect 5.1	(11)	FoxPro	(4)
WordPerfect Library	(1)		
<i>Spreadsheet</i>		<i>Languages/Compilers</i>	
Lotus 1-2-3	(1)	MS-Assembler	(1)
Quattro Pro	(4)	MS-C	(1)
Excel	(3)	MS-Basic	(2)
		Quick-C	(1)
		Lattice-C	(1)

**Software (continued)***Networking and Utilities*

Novell Netware 386	
V3.11 (100 users)	(2)
Novell Netware 286 V2.15	(1)
LAN Watch	(1)
CC: Mail	(2)
EtherPeek	(1)
ORPS	(1)
TrackNet 2000	(1)
DataSecurity Plus	(1)
Pathworks/PC	(1)
Gateway	(1)
PC/TCP	(1)

*Communication/Terminal Emulation*

Reflection 2/4/7	(5)
Rlink7	(1)
Kermit	(20)
Versaterm Pro	(1)
CrossTalk	(1)

*Spreadsheet*

Lotus 1-2-3	(1)
Quatro Pro	(4)
Excel	(3)

*Operating Systems*

OS/2	(1)
Microsoft Windows	(15)
Dos	(7)

*Utility*

QEMM	(2)
Soft PC	(1)
Virus Scan	(20)
Norton Utilities	(4)
Hyper Card	(1)
Norton Backup	(1)

*Languages/Compilers*

MS-Assembler	(1)
MS-C	(1)
MS-Basic	(2)
Quick-C	(1)
Lattice-C	(1)

*Word Processing/Editing*

MS Word	(1)
WordPerfect Office	(1)
WordPerfect 5.1	(11)
Word Perfect Library	(1)

*CAE/CAD Graphics*

Designer	(1)
Flowchart III	(1)
Auto Sketch	(1)
Auto CAD	(2)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Novell Netware 386	40	55
Lab-Wide Tellabs	6	7
DecNet	1	15
TCP/IP	3	20

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** We will increase both in the quantity and use of personal computers. We will look at using one for the tracking of tasks and resources. We have increased the amount and size of databases and are making them available to all personnel.

**3. Local Area Networking:** We will increase the number of users once we have upgraded to the current version of Novell and will look at bridging to other LANs. There are currently 5 Novell LANs on site that are connected together.

**4. Office Automation:** CDOCS (Classified Document Control System) is being planned for use by all division personnel.

**5. Standardized Software:** Word processing, database, spreadsheet and graphics applications will be evaluated for standard implementation by all section personnel to provide consistency and ease of transfer.

**Argonne West-- Fuel Cycle (Cost Center 118)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
C.L.Beck	All	7151	7463	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
SUN SPARC	2	2	2
Silicon Graphics	0	1	1
IBM & Clones (86)	12	12	12
(286)	20	20	20
(386)	35	45	55
(486)	2	7	12
(NoteBook)	0	0	2
Apple MACs (512)	7	7	7
(Plus)	6	6	6
(II)	30	35	40
(NoteBook)	2	3	4

**Software\****Word Processing/Editing*

WordPerfect 5.0

Word

*Database*

DBase IV

Fox Pro

*Spreadsheet*

Lotus 1-2-3

Quattro Pro

*CAD/Graphics*

AutoCAD

*Communication/Terminal Emulation*

Kermit

Reflections

*Project Mangement*

Primivera

\* Numbers of software packages not available.

### Network Connections

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet	4	40

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Continued purchase of PC's and MACs for office automation workstations as required.

**3. Local Area Networking:** Novell--a 100-user license will be purchased for integrating all PC and MAC users into a Division-wide local area network for administrative, office automation and communications convenience. Installations of 10BaseT (twisted) pair hubs connected to an ANL-W ethernet backbone for each building and premise distribution system for in-house wiring to all divisional offices requiring network connectivity.

**4. Office Automation:** WordPerfect office will be purchased for scheduling and general information management for individuals in FCD. Purchase a divisional server with centralized file backup/archival capabilities and file server resources to optimize software and data base management. E-Mail capability will be developed for PCs and MACs.

**5. Standardized Software:**

- WordPerfect 5.0
- Primivera
- AutoCad
- WordPerfect Office
- cc:Mail
- Quick Mail

**Argonne West--Machine Shop (Cost Center 554)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Larry Spencer	All	7738	7411	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
MIS 386SX-16	0	1	1
ACT	0	1	1
HP Laser Jet IIP	0	1	1

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Xerox Model 6040	1	1	1

**Software**

<i>Word Processing/Editing</i>		<i>Communication/Terminal Emulation</i>
WordPerfect	(1)	Kermit (1)
<i>Other</i>		
Reflections	(1)	

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Software upgrade and improved peripheral equipment.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** Continue to develop and implement office automation through improvements in software and computer capabilities.
- 5. Standardized Software:** WordPerfect, Kermit, Reflections.

**Argonne West--Office of Operational Safety (Cost Center 570)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Lori DeLuca	All	7655	7109	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991*</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Gateway 2000		1	1
USAPC		4	8
MacIIsi		1	1
Macintosh IIfx, Powerbook 170		1	1
MiS		1	1

\* Figures for FY1991 are unavailable.

**Software**

<i>Word Processing</i>		<i>Spreadsheet</i>	
WordPerfect (IBM)	(5)	Microsoft Chart	(1)
QueSoftware's Right Writer	(1)	Microsoft Excel	(1)
Word 4.0	(1)	Microsoft Multiplan	(1)
Word 5.0	(2)	Lotus 1-2-3	(3)
WordPerfect 2.0 (Mac)	(1)		
<i>Utilities</i>		<i>Project Management</i>	
Marstek's Hand Scanner		MacProject	(1)
Utility Program	(1)	<i>Desktop Publishing</i>	
MacTools Deluxe	(1)	Pagemaker 4.0	(1)
<i>Communication/Terminal Emulation</i>		<i>Languages/Compilers</i>	
VersaTerm Pro	(1)	MacFortran/020	(1)
<i>Graphics</i>		Microsoft Basic	(1)
Z-Soft's PaintBrush for DAK	(1)	Microsoft Fortran	(1)
MacDraw	(2)	<i>CAE/CAD</i>	
SuperPaint	(1)	MacDraft	(1)
CricketDraw	(1)	MathCAD	(1)
PowerPoint	(1)		



**Software (continued)***Other*

Marstek's Perceive	Alpha Four	(1)	AMI-PRO	(1)
Personal Omnifont	Reason	(1)	MS-DOS 4.01	(1)
OCR (1)	Microsoft Mouse		Microsoft Windows 3.1	(1)
VGA 1024/D/XL/DXL	Setup	(1)	Copy II Mac/Mac Tools	(1)
Version 3.1 (1)	Filevision	(1)	Filevision IV	(1)
First Things First (2)	MacTerminal	(1)	Mindset	(1)
StatView 512+ (1)	Panorama 1.5	(1)	Telalike TK!Solver	(1)
Microsoft MS-DOS				
Version 5.0 (1)				

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Novell	0	12

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Increase software as the job requires it.
- 3. Local Area Networking:** All PCs should have Ethernet.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None indicated.

**Argonne West--Office of Quality Assurance (Cost Center 102)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Ellen Christensen	All	7488	7523	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	1	3	2
USA	0	0	1
Macintosh	0	0	3
Bentley	0	0	1
Club American	0	0	1

**Software**

<i>Database</i>		<i>Word Processing</i>	
DBase III Plus	(1)	WordPerfect	(5)
DBase II	(1)	Microsoft Word	(3)
		Mass-11	(1)
<i>Other</i>		<i>Utilities</i>	
Paradox	(1)	Norton Utilities	(1)
DOS	(5)	Sidekick	(1)
Filemaker Pro	(1)		
Fastback	(1)	<i>Graphics</i>	
ORPS	(2)	MacDraft	(1)
ABC Flowcharter	(1)	Super Paint	(1)
Windows	(2)		
Quick Mail	(2)	<i>Spreadsheet</i>	
Writing Assistant	(1)	Excel	(3)
<i>Communication/Terminal Emulation</i>		Quattro	(1)
Kermit	(1)	Quattro Pro	(1)
Reflections	(2)	Lotus 1-2-3	(1)
<i>Project Management</i>			
Mac Project	(1)		

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** None planned.

**3. Local Area Networking:** None planned.

**4. Office Automation:** None planned.

**5. Standardized Software:** None indicated.

**Argonne West--Plant Services (Cost Center 557)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Everet A. Clifton	All	7030	7680	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Club American	5	4	4
APS	1	0	0
MIS 386SX-16	8	8	8
Gateway 286	1	1	1
IBM PS-2	1	1	1
IBM 8086	0	1	1

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
IBM Wheelwriter 6	2	2	2
Xerox 620	1	1	1
Xerox 6020	1	1	1
IBM Wheeleriter 30	1	1	1

**Software**

<i>Word Processing/Editing</i>		<i>Graphics</i>	
Mass-11	(4)	AutoSketch	(5)
Deskmate	(4)	DrawPerfect	(2)
WordPerfect 5.1	(12)		
<i>Database</i>		<i>Desktop Publishing</i>	
DBase III Plus	(3)	Always	(3)
DBase IV	(2)	Sideways	(1)
<i>Spreadsheet</i>		<i>Security</i>	
Lotus 1-2-3	(6)	FluShot	(1)
Quattro Pro	(1)	PC-Vault	(2)

**Software (continued)***Other*

Registrar	(1)
Regscan	(6)
TopPriority	(4)
Ladder	(1)
MicroSoft Project	(2)
IBM Info Window	(1)
Calendar Creator	(2)
Fast Regs	(2)
SARA	(2)
Form Tools	(1)
Whereabouts	(1)
Windows	(2)
Plan Perfect	(4)
Ami Pro	(1)

*Utilities*

Norton Commander	(11)
Wonder	(6)
Mouse	(10)
Norton Utilities	(1)
Rapid File	(2)

*Communication/Terminal Emulation*

Kermit	(8)
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*Project Management*

Project Management	(2)
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*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** 3 PCs capable of handling the Graphics that is required by IFR Maintenance.
- 3. Local Area Networking:** LAN System for the WCG with capabilities to handle at least 10 connections.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** OPmist for scheduling; Fox Pro's Database to replace pundit.

**Argonne West Reactor Program Services Division--Accounting (Cost Center 533)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Susan Sommers	All	N/A	7245	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
MIS	1	1	1
PC-USA	0	2	2

**Software**

<i>Word Processing/Editing</i>		<i>Spreadsheet</i>	
WordPerfect	(1)	Lotus 1-2-3	(1)
<i>Communication/Terminal Emulation</i>			
Reflections	(3)		
Preface	(1)		

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet TCP/IP	2	3

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for you division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** Lab-wide Ethernet TCP/IP (1 planned).
- 4. Office Automation:** None planned.
- 5. Standardiaed Software:** None indicated.

### Argonne West Reactor Program Services Division--Division Office (Cost Center 530)

#### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Jerry Ward	All	7655	7108	N/A

#### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
PC Limited	1	0	0
ACT 386	3	2	2
ALTECH	2	0	0
MacIntosh	4	1	1
MIS	2	1	1
Gateway 2000	1	2	2

#### Word Processors

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
NBI	0	0	0
Xerox	1	0	0

#### Software

<i>Word Processing/Editing</i>		<i>Utility</i>	
Word	(1)	Windows 3.0	(4)
WordPerfect	(5)	Norton Backup	(1)
		Excel	(3)
<i>Graphics</i>		Screenblanker	(3)
MacDraft	(1)	PC Guardian	(1)
PC-Plot	(1)	Norton Commander	(1)
Auto Sketch	(1)	Personal Advocate	(1)
Freelance	(1)	Lexis	(1)
<i>Communication/Terminal Emulation</i>		<i>Database</i>	
Kermit	(4)	DBase IV	(1)
Reflections	(2)		
Ethernet	(1)		



**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet TCP/IP	2	3

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for you division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** Lab-wide Ethernet TCP/IP (1 planned).
- 4. Office Automation:** None planned.
- 5. Standardiaed Software:** None indicated.

# Argonne West Reactor Program Services Division--Environmental Waste Management (Cost Center 536)

## Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
G. C. Marshall	All	7344	7666	N/A

## Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
PC-USA	1	13	18
ACT	3	3	3
Gateway	1	1	1
DTK	1	1	1
ZIP	2	2	2
Macintosh	1	1	1

## Software

<i>Word Processing/Editing</i>		<i>Utility</i>	
WordPerfect	(20)	Windows	(18)
		PC Tools	(6)
<i>Database</i>		Norton Utilities	(6)
DBase	(9)		
FoxPro	(4)	<i>Graphics</i>	
Quattro Pro	(1)	Harvard Graphics	(3)
FileMaker Pro	(1)	DrawPerfect	(3)
		MicroGraphics Draw	(1)
<i>Communications/Terminal Emulation</i>		Auto Sketch	(1)
Kermit	(12)		
RLink 3	(9)	<i>Spreadsheet</i>	
Pro Com	(2)	Lotus 1-2-3	(8)
CCPlus	(1)	Excel	(4)
<i>Other</i>			
RegScan	(2)		
Comply	(1)		
Alpha IV	(1)		
Sidekick	(1)		
OrgChart	(1)		
OHS	(1)		

Network Connections		
	Existing FY1992	Estimated Total FY1993
Lab-wide Tellabs	7	14

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for you division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Upgrading of all PCs and software (PC Tools, FoxPro, DrawPerfect, etc.) will continue in FY1993. This will allow increased use of PCs for general applications and creating/maintaining information tracking databases.

**3. Local Area Networking:** None planned.

**4. Office Automation:** None planned.

**5. Standardiaed Software:** None indicated.

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**Argonne West Reactor Program Services Division--Food Services (Cost Center 559)**

<b>Primary Contacts</b>				
<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Dave Krekel	All	7738	7108	N/A

Cost Center 559 has no hardware, software or network connections

# Argonne West Reactor Program Services Division--Human Resources (Cost Center 531)

## Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Shelley Wray	All	7366	7323	N/A

## Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	1	1	1
Club American	1	1	2
Altec	0	0	4
MIS	0	0	2
PC-USA	0	0	1

## Software

<i>Word Processing/Editing</i>		<i>Database</i>	
Word Perfect	(10)	DBase III Plus	(3)
Right Writer	(4)	File Express	(2)
<i>Communication/Terminal Emulation</i>		<i>Backup</i>	
Kermit	(8)	PC Fullback	(1)
Apollo	(1)	Norton Backup	(1)
<i>Graphics</i>		<i>Security</i>	
Howard Graphics	(1)	PC Vault	(1)
<i>Spreadsheet</i>		<i>Utilities</i>	
Excel	(2)	Windows	(3)
Lotus 1-2-3	(1)		
<i>Other</i>			
Avery Label Pro	(1)		
Calendar Creator Plus	(1)		
WhereABOUTS	(1)		

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** None planned.

**3. Local Area Networking:** None planned.

**4. Office Automation:** None planned.

**5. Standardized Software:** None indicated.

### Argonne West Reactor Program Services Division--Information Services (Cost Center 537)

#### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
John K. Ammon	All	7656	7507	N/A
Judy Krieger	All	7656	7237	N/A

#### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	4	5	1
ACT (386-25)	2	2	2
Altec (386-25)	1	1	1
PC-USA	1	1	2

#### Software

<i>Utility</i>		<i>Word Processing/Editing</i>	
FastBack Plus	(4)	WordPerfect	(4)
Norton Utilities	(4)		
OCLC	(1)	<i>Imaging Software</i>	
		Wilson Disk	(2)
<i>Communication/Terminal Emulation</i>		Current Contents	(2)
Kermit	(3)	ASME Vessel Code	(2)
Telx	(1)	Computer Library	(2)
		Silver Platter	(2)
		Science Citation	(2)

#### Network Connections

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-Wide Tellalabs	2	3

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** We will increase both in the quantity and use of personal computers. We have increased the amount and size of databases and are making them available to all personnel.

**3. Local Area Networking:** None planned.

**4. Office Automation:** We have implemented ASKSAM as book, journal, and periodicals tracking system. This is incorporated with a bar code scanning system.

**5. Standardized Software:** We have adopted DBase as our database software and WordPerfect as our word processing software.



**Argonne West Reactor Program Services Division--Procurement (Cost Center 534)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
G.B. Wray	All	7283	7243	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
Gateway	4	1	1
ACT	4	4	4
ALTEC	2	2	2
PC USA	0	4	4

**Software**

<i>Word Processing/Editing</i>		<i>Database</i>	
Mass-11	(1)	DBase III Plus	(1)
Word Perfect	(11)	Lotus 1-2-3	(1)
		Quattro Pro	(2)
<i>Communication/Terminal Emulation</i>			
Reflections	(10)		

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division..*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** Establish procurement LAN w/Novell Netware 286 Version 2.15.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None indicated.

### Argonne West Reactor Program Services Division--Radiation Fire Safety (Cost Center 551)

#### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
G. C. Marshall	All	7344	7666	N/A

#### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
PC-USA	0	2	8
ACT	5	5	5
Gateway	2	2	2
MIS	1	1	1
ZIP	1	1	1
CLUB	4	4	4
IBM	2	2	2
Computer Direct	1	1	1

#### Software

<i>Word Processing/Editing</i>		<i>Utility</i>	
WordPerfect	(15)	Windows	(10)
		PC Tools	(12)
<i>Spreadsheet</i>		Norton Commander	(1)
Lotus 1-2-3	(8)		
Excel	(3)	<i>Graphics</i>	
		TecGraph Pad	(1)
<i>Communication/Terminal Emulation</i>		DrawPerfect	(15)
Kermit	(15)	PC Paint	(1)
RLink	(1)		
PC Anywhere	(1)	<i>Database</i>	
Reflections 7	(1)	DBase	(6)
		<i>Languages/Compilers</i>	
		Fortran	(2)

**Software (continued)***Other*

Maestro II	(1)	RSAC4	(3)	RadDecay	(14)
Cindy	(3)	X-Com	(2)	HAAS	(1)
GENII	(1)	QAD-FN	(1)	REMEDY	(3)
MIRDOSE	(1)	COOSA	(1)	Varskin	(13)
AirDose	(3)	RPTEexam	(7)	ACS	(1)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Tellabs	12	14

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Upgrading of all PCs and software will continue in FY1993. This will allow increased use of PCs for general applications and creating/maintaining information tracking databases.

**3. Local Area Networking:** None planned.

**4. Office Automation:** None planned.

**5. Standardized Software:** None indicated.

## Argonne West Reactor Program Services Division--Receiving and Inspection (Cost Center 561)

### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Dave Krekel	All	7738	7495	N/A

### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	1	2	2
PC Limited	2	2	2
Hewlett Packard	1	1	1
PC-USA	0	1	1

### Software

<i>Word Processing/Editing</i>		<i>Utility</i>	
WordPerfect	(3)	Norton Utilities	(2)
Mass-11	(1)	Windows	(1)
<i>Database</i>		<i>Communication/Terminal Emulation</i>	
DBase III Plus	(4)	Kermit	(1)
CALPRO	(2)		
<i>Desktop Publishing</i>		<i>Spreadsheet</i>	
PageMaker	(1)	Excel	(1)
<i>Other</i>			
FastBack	(1)		
Reflections	(1)		

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Implementing access to ORPS for Occurrence Reporting.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** Institute tracking and trending of action items.
- 5. Standardized Software:** None indicated.

**Argonne West Reactor Program Services Division--Safeguards (Cost Center 532)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Manny Sanchez	All	7915	7347	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2	13	25	25
MAC (II CX, II, II SI, SE, Plus)	12	12	12
PC Limited	2	2	2
Club American	3	3	3
Gateway	2	2	2
ACT	3	4	4
PC-USA	0	5	5
ALTEC	1	1	1
SeeQua	2	2	2
Unknown (on order)	0	6	6

**Software**

<i>Database</i>		<i>Word Processing/Editing</i>	
DBase II/III	(5)	MacWrite	(5)
FoxPro	(7)	Grammatik IV	(9)
SQL Server	(1)	Word	(4)
Fox Base	(1)	WordPerfect	(17)
Forest Trees	(1)	WordStar	(4)
Erwin	(1)	Windows	(16)
Report Writer	(1)		
<i>Languages/Compilers</i>		<i>Utilities</i>	
Object View	(1)	Statistics	
Aztec C	(1)	--Statview II	(1)
Thinlee	(2)	--JMP	(1)
		Norton Commander	(2)
<i>Graphics</i>		Norton Utilities	(2)
MacPaint	(1)		
Dreams	(1)	<i>Communication /Terminal Emulation</i>	
		Kermit	(7)
<i>Spreadsheet</i>			
Excel	(29)		

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for you division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** A database server will be connected to 10 workstations using Microsoft LAN Manager networking software. File storage, backup, and print spooling services will also be needed.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None indicated.

**Argonne West Reactor Program Services Division--Security (Cost Center 535)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Manny Sanchez	All	7915	7347	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	2	2	2
PC Limited	3	3	3
Club American	2	2	2
Hewlett Packard	1	0	0
MIS Computer	5	6	6
ACT	0	1	1
Microcomputer	0	1	1

**Software***Word Processing/Editing*

WordPerfect	(15)
Grammatic	(3)
Leading Edge	(1)

*Spreadsheet*

Express Calc	(2)
Easy Flow	(1)

*Database*

DBase III Plus	(4)
File Express	(9)
QFiler	(2)

*Utilities*

MS Windows	(1)
Norton Utilities	(2)
Tool Box	(1)
Everex Board	(1)

*Graphics*

Express Graphics	(3)
One Step Graphic & Palette Plus	(1)
Surfer	(1)
Image	(1)
Corp Ladder	(1)
Formtools Gold	(1)
DrawPerfect	(1)

*Security*

G 6000 Key and Core Control	(1)
Assess VA	(1)
PC Vault	(9)
FTR	(1)
Superlok 300	(2)
JTA	(1)
DOE Deadly Force	(1)



**Software (continued)**

<i>Other</i>		<i>CAE/CAD</i>	
DOS	(16)	US Metric Conversion	(1)
PC Fullback	(8)	MathCAD	(1)
Reflections	(2)	Generic CAD	(1)
VGA Wonder	(1)		
Microsoft Serial Mouse	(1)	<i>Project Management</i>	
Lantastics	(2)	Softbytes	(1)
SL	(4)	TRACK	(2)
Auto Convert	(1)		
Logitech	(1)		

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Tellab	2	2

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

1. **Scientific Work Stations:** None planned.
2. **Personal Computing:** None planned.
3. **Local Area Networking:** None planned.
4. **Office Automation:** None planned.
5. **Standardized Software:** None indicated.

**Argonne West Reactor Program Services Division--Supply (Cost Center 538)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
J.S. Molen	All	7738	7484	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Altec-286	1	1	3
H.P. Laser Jet III	1	1	1
PC USA	0	4	4
IBM	0	1	1
MTEK	0	1	1

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
Xerox	1	1	1

**Software***Word Processing/Editing*

WordPerfect	(2)
DOS 5	(2)

*Other*

List and Mail Plus	(1)
Formfiller	(1)
49 CFR Reg Scan	(1)
29 CFR Reg Scan	(1)
2.0 Reg Scan	(2)

*Communication/Terminal Emulation*

Kermit	(1)
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*Database*

DBase III Plus	(1)
DBase IV	(1)
Fox Pro	(1)

*Utilities*

Disc Optimizer	(1)
Windows	(1)
Vice Versa	(1)
Reflections	(6)

Other			
<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
H.P. Laser Jet III	1	1	1

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Implement IBM-compatible personal computers.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** Upgrade from Xerox to IBM-compatible system.
- 5. Standardized Software:** None indicated.

**Argonne West--Site Engineering/Project Management (Cost Center 556)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
John K. Ammon	All	7656	7507	N/A
Gene K. Sherman	All	7344	7353	N/A
Roger L. Black	All	7656	7199	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM ( AT, XT)	4	5	5
Apple (II, Mac, CX)	6	7	9
Compaq	1	2	2
Club American	20	21	18
Intergraph Interact 32c	1	1	0
A.C.T (386-33)	15	15	15
Gateway	13	10	10
M.I.S.(486-330	1	2	2
Z.I.P. (386-25)	1	1	1
Dauphin Laptop (386-sx)	1	1	1
S & M (386-25)	2	2	2
PC USA	0	9	13

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
SilverReed	1	1	1

**Software**

<i>Project Management</i>		<i>Communication/Terminal Emulation</i>	
TimeLine 4.0	(1)	Procomm Plus	(1)
Pertmaster Advance	(10)	DOECOMM	(3)
Expedition	(1)	Kermit	(5)
Primavera P3	(2)	Carbon Copy	(1)
<i>Desktop Publishing</i>		<i>Scientific</i>	
PageMaker	(1)	MathCAD	(3)
Express	(1)	Surfer	(1)

**Software (continued)***Graphics*

MacPaint	(1)
ChartMaster	(1)
CricketDraw	(1)
EPS Illustrations	(1)
Paste Ease	(1)
SuperPaint	(1)
Adobe Illustrator	(1)
Impact Imaggess	(1)
MacDraft	(2)
MacDraw	(1)
CricketPresent	(1)
CricketGraph	(1)
Power Point	(1)
Hijaak	(1)

*Spreadsheet*

Framework III	(1)
Quattro Pro	(4)
Works	(3)

*Other*

AWORKS	(1)
Coach	(3)
Grammitik	(10)

*CAD/CAM*

Microstation 32	(1)
AutoCAD Release 10	(38)
AutoCAD Release 11	(3)
AutoCAD Release 12	(3)

*Word Processing/Editing*

Word	(4)
MacWrite	(2)
WordPerfect 5.1	(21)

*Database*

DBase III	(2)
DBase III+	(4)
Excel	(1)

*Utilities*

Norton 5.0	(10)
MAC Tools	(4)
Virex	(2)

*Networking*

Novell Netware 386	
V3.11	(100 users)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local AppleTalk	4	7
Novell Netware 386	40	55
Lab-wide Tellabs	6	7

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned at the present, but will continue to evaluate their value as an engineering platform and drafting tool. We are looking at a large format scanning system to convert older hand-drawn drawings to the AutoCAD format.
- 2. Personal Computing:** We will increase both in the quantity and use of personal computers. We will look at using one for the tracking of tasks and resources. We have increased the amount and size of databases and are making them available to all personnel.
- 3. Local Area Networking:** We will increase the number of users once we have upgraded to the current version of Novell and will look at bridging to other LANs. There are currently 5 Novell LANs on site that are connected together.
- 4. Office Automation:** CDOCS (Classified Document Control System) is and will be expanded and used for storage of all records. We have added a second system to speed up the scanning process. We are converting all of our forms to WordPerfect files. This will allow each user to create his own form at a faster rate.
- 5. Standardized Software:** We have adopted AutoCAD as our CAD software, dBase as our database software and WordPerfect as our word processing software. Norton Utilities, Norton Commander, Slick, and Fastback will become our utility software standards. The only group who uses a wide variety of software is Graphics Arts, and this can be attributed to the diverse work they perform.

**Biological and Medical Research (Cost Center 110)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Ken Groh	ADAC		3861	GROH@ANLBEM
Carol Fox	Inventory		3945	FOX@ANBIOR

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	20	25	23
Apple (II, Macintosh)	7	6	6
ADAC	1	1	1
MICROLAB	0	0	0
DIGITAL	6	0	0
AST Research	7	7	7
Hewlett Packard	4	4	4
Waters Assoc	0	0	0
DTK 386SX	6	8	8
3 Com 401S	1	1	1
Microstar 286	1	2	2
Microstar 386	1	1	1
Compaq	2	3	3
DIGITAL MicrovaxII	2	2	2
DIGITAL 3100 Model 76	1	0	1
DIGITAL 3100 Model 38	1	1	1
Sun SPARC 2	0	3	3
Sun IPC	0	2	2
MicroStar 486	0	1	1
DIGITAL 4000 Model 60	0	1	1
Turbo Next Station	0	1	1
Silicon Graphics	0	1	1
Next Station	0	1	1

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
IBM	5	0	0
NBI	0	0	0

Software			
<i>Word Processing/Editing</i>		<i>Spreadsheet</i>	
Text Editor	(35)	Lotus 1-2-3	(2)
WordPerfect	(10)		
<i>Languages/Compilers</i>		<i>Utility</i>	
BASIC	(10)	Textra	(1)
FORTTRAN	(10)	DNASTAR	(1)

Network Connections		
	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet		
DECnet	50	60
TCP/IP	35	45

*Please state planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** Connect specific PCs to VAX systems for data transfer back and forth.
- 4. Office Automation:** Connect secretarial PCs to each other using PCSA networking system.
- 5. Standardized Software:** WordPerfect



**Building Maintenance (Cost Center 501)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Deidre Diei	Workstations	N/A	5992	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	10	10	15

**Software***Word Processing/Editing*

Word	(4)
Word Perfect	(8)
WordStar	(1)

*Database*

DBase III Plus	(3)
DBase IV	(1)
Windows	(3)

*Utilities*

Norton	(2)
Side Kick	(1)

*Graphics*

Harvard Graphics	(1)
Brady Label	(2)

*Operating Systems*

Windows 3.1	(10)
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*Spreadsheet*

Quattro Pro	(2)
Lotus 1-2-3	(1)

*Communication/Terminal Emulation*

Procomm Plus	(3)
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*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Continued expansion of personal computing capabilities is planned for the next year.

**3. Local Area Networking:** Local area network installation in Buildings 201, 4, 810, 827 is planned for next year. Expansion of 214 network is planned for the last half of 1992.

**4. Office Automation:** None planned.

**5. Standardized Software:** A committee to select and standardize software and hardware system for PFS has been formed. John Mitchell is chairperson, x 8610. The charter of this committee is to maintain consistent computing activities with the PFS Division.

**Central Shops (Cost Center 210)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Al Schneider	All	6267	7082	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	8	7	7
Compaq	8	8	8
Gateway	2	1	2
Texas Instruments	2	0	0
ANL Electronics 386	0	1	1
PTR Prec. Tec.	0	1	1

**Software**

<i>Word Processing/Editing</i>		<i>Database</i>	
Word	(11)	DBase IV	(10)
WordPerfect	(1)	Mfg. Shop Control	(1)
<i>Communication/Terminal Emulation</i>		<i>CAE/CAD/CAM</i>	
Kermit	(7)	AutoCAD	(2)
AZPC2	(4)	SmartCAM	(2)
MSE-Estimating	(7)		
<i>Spreadsheet</i>			
Quattro Pro	(13)		

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Novell	10	13
Direct Numeric Control (DNC)	2	3

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None indicated.

## Chemical Technology (Cost Centers 107 & 269)

### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Stephen Gabelnick	Personal Computers Workstations Inventory	6476	4365	gabelnick@cmt.anl.gov

### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	30	30	30
Apple (II, Macintosh)	35	40	55
Compaq	5	6	6
Zenith	1	1	1
AST Research	36	36	36
Toshiba	1	2	2
Hewlett Packard	4	4	4
DEC PC350	5	5	2
DEC VAXstations	10	12	15
Gateway 2000	12	45	65

### Software

<i>Graphics</i>		<i>Communication/Terminal Emulation</i>	
MacDraw II	(4)	VTerm	(20)
SuperChart	(5)	SmarTerm 240	(3)
SuperImage	(5)	Reflection	(15)
Mass-11 Draw	(15)	Kermit	(20)
Cricket Graph	(13)	Pathworks	(120)
Corel Draw	(2)		
Power Point	(5)	<i>Word Processing/Editing</i>	
Persuasion	(15)	Word	(40)
		KEDIT	(1)
<i>Languages/Compilers</i>		Mass-11	(15)
Turbo Pascal	(8)	WordPerfect	(50)
FORTTRAN	(2)		
Basic	(50)	<i>Desktop Publishing</i>	
C	(3)	IBM Interleaf	(1)
		Expressionist	(4)
<i>Utilities</i>		PageMaker	(3)
Norton Utilities	(10)		
PC Tools	(10)	<i>CAE/CAD</i>	
Diskfit	(15)	AutoCAD	(3)

Software (continued)			
<i>Project Management</i>		<i>Database</i>	
TimeLine	(1)	dBASE III Plus	(5)
MS Project	(2)	Paradox	(8)
<i>Integrated Packages</i>		<i>Other</i>	
Excel	(40)	Desqview	(5)
Lotus 1-2-3	(2)		

Network Connections		
	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet	80	120
DECnet	80	120
Both	80	120
Lab-wide AppleTalk	40	50

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** IBM RISC/6000 for computational chemistry, HP 400 for analytical chemistry.

**2. Personal Computing:** Continued purchase of PC clones and Macintoshes for office automation.

**3. Local Area Networking:** Installation of twisted-pair (10 Base-T) Ethernet hub in addition to existing thin wire and thick wire. Installation of CISCO router/bridge, fiber optic Ethernet.

**4. Office Automation:** WordPerfect Office, PC/VAX Gateways.

**5. Standardized Software:** WordPerfect on VMS, DOS, Macintosh; WordPerfect Office; Excel.

**Chemistry (Cost Center 120)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Ron Van Buskirk	All	3822	3684	vanbuskirk@anl.gov

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	55	58	58
Apple (II, Macintosh)	144	153	161
Compaq	1	1	1
Sun	3	3	3
Zenith	1	1	1
PC Limited	2	2	2
Standard Prod.	8	7	7
AST Research	2	3	3
Dell System	8	8	8
Microstar	1	1	1
Digital	8	8	10
DataGeneral	1	1	1
Nicolet	1	1	1
Hewlett Packard	1	2	2
Hazeltine	1	1	1
Lundy	1	1	1
IBM PS/6000	1	4	6
Toshiba	1	1	1
Gateway	5	17	20
LOGOS ACT	1	1	1
Texas Instruments	0	1	1

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1992</i>
IBM	4	4	4

## Software

*Languages/Compilers*

IBM Basic	(7)
IBM Fortran	(6)
LS C	(2)
LS Pascal	(1)
MacBasic	(4)
MS Quick Basic	(10)
MS C	(3)
MS Quick C	(3)
QuickBasic	(3)
MacFortran	(2)
Turbo Pascal	(2)
MacTran Plus	(2)
MS Fortran	(6)

*Communication/Terminal Emulation*

Emutek	(1)
MacTerminal	(1)
PC/Intercomm	(1)
PC Talk	(1)
SmartTerm	(2)
Versaterm	(23)
Kermit	(4)
NCSA Telnet	(22)

*Database*

DBase IV	(4)
WingZ	(2)
Double Helix	(1)
Foxbase	(2)
Filemaker	(3)
DataPerfect	(1)

*CAE/CAD*

McCad SCM-1	(1)
McCad SMT-1	(1)
Generic CAD	(3)
Claris CAD	(2)

*Spreadsheet*

Lotus 1-2-3	(7)
PC Calc	(1)
Excel	(25)

*Integrated Packages*

SAS	(2)
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*Graphics*

ANSI Graph	(1)
Charting Gallery	(1)
CHemDraw	(4)
CricketDraw	(3)
CriketGraph	(10)
ExpressGraph	(1)
Framework II	(1)
HP Drawgal	(1)
Kaleidagraph	(13)
MacDraft	(7)
MacPlot	(1)
PC Plot	(8)
TechGraph PD	(2)
MacDraw	(27)

*Word Processing/Editing*

Chem Text	(1)
WordPerfect	(24)
WordStar	(4)
WordUp	(1)
Endnote	(9)
PC Write	(4)
MS Word	(51)
Correct Grammar	(3)
MacWrite	(14)

*Utilities*

Norton Advanced Utilities	(1)
Norton Commander	(1)
Sidekick	(2)
PC Tools	(2)
MacTools	(3)

*Desktop Publishing*

Ready Set Go	(5)
Norton DT for Windows	(1)
Publish It Easy	(1)

*Project Management*

Harvard Project Manager	(1)
SuperProject	(1)
Mac Project	(1)



**Software (continued)***Other*

Alchemy	(1)	MS Windows	(3)
Disk Optimizer	(1)	MS Works	(1)
EG&G Ace	(2)	Natl. Inst. Dev. Pkg.	(6)
Expressionist	(11)	NB488	(1)
FastBack	(1)	Norton for Mac	(6)
First Aid	(1)	Passage	(1)
Halo	(3)	PC Model	(1)
Higgins	(1)	ProFile	(1)
HP UV/VIS	(1)	Q&A	(1)
IGOR	(3)	Readability	(1)
MacEQN	(1)	Reflex Plus	(2)
MacRabbit	(2)	Semantic	(1)
Mathematica	(2)	Silver Lining	(5)
MDC II	(1)	Software Carousel	(1)
MGM Station	(1)	Super Laser Spool	(1)
Mince	(1)	Trumpet	(1)
Mol. Present	(2)	VTEK	(1)
Mouse Perfect	(1)	Windows 286	(1)
LabView	(4)	Windows 386	(3)
MS Macro ASM	(1)	Windows 3.0	(2)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet		
TCP/IP	63	70
DECnet	34	16
Both	11	11
Lab-wide AppleTalk	55	85
Local AppleTalk	50	20

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** None planned.

**3. Local Area Networking:** None planned.

**4. Office Automation:** None planned.

**5. Standardized Software:** None indicated.

**Chief Operations Officer (Cost Center 202)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Dennis Karras	All	2948	3030	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM	14	14	13
MacIntosh	6	6	9
IBM Clone	0	1	1

**Software**

<i>Word Processing/Editing</i>		<i>Other</i>	
Microsoft Word 5.0	(6)	pmate2	(4)
WordPerfect	(3)	Lexis	(4)
Network NBI Oasys System		Westlaw	(1)
		Foreign Travel Management	(2)
<i>Database</i>		<i>Utilities</i>	
DBase III+	(3)	Microsoft Word Power	
DBase IV	(2)	Point for Windows 3.0	(1)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
NBI Oasys	35	35
Novell	2	3

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Expand software (WordPerfect, database) and knowledge.
- 3. Local Area Networking:** We are planning a network between OPS and OTD.
- 4. Office Automation:** Be on a network.
- 5. Standardized Software:** Remove NBI.

## Computing and Telecommunications Division (Cost Centers 146, 245, 247, and 296)

### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Sally Ott	Inventory	5983	2537	B11807 AT ANLVM
Jinn Regula	Workstations (IBM)	5983	4817	regula@anl.gov
Doug Engert	LAN Manager Network Workstations (Sun)	5983	5444	deengert@anl.gov

### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	98	110	110
Apple (II, Macintosh)	45	52	58
Compaq	1	1	1
Sun	24	34	38
Xerox	1	1	1
Texas Instruments	1	2	2
Toshiba Laptop	4	6	7
Next	1	4	4
Silicon Graphics	3	3	4
Gateway	0	10	15

### Software

#### *Word Processing/Editing*

MacWrite	(9)
Word	(38)
KEDIT	(19)
Text Editor	(20)

#### *Database*

DBase III Plus	(15)
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#### *Spreadsheet*

Multiplan	(12)
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#### *Integrated Packages*

Excel	(24)
Helix	(4)

#### *Graphics*

MacDraw II	(6)
MacPaint	(6)
Gem Draw	(5)
SuperImage	(8)

#### *Desktop Publishing*

PageMaker	(3)
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#### *Project Management*

MacProject II	(10)
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#### *Communication/Terminal Emulation*

VTerm	(4)
Kermit	(9)
AZPC 2	(3)
IBM PC3270	(4)

Network Connections		
	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet		
TCP/IP	150	500
DECnet	675	700
Lab-wide AppleTalk	600	800
Local AppleTalk	30	30
LAN Manager	23	50

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** CTD will be implementing standardized user environments so that many workstations can be efficiently administered and maintained by a single administrator. Kerberos authentication for workstations is currently under evaluation. The AFS file system will implement network file services across wide area networks.

**2. Personal Computing:** Promote use of MS-Windows.

**3. Local Area Networking:** CTD will promote interoperability with TCP/IP compatible features for LAN Manager, Novell, and Pathworks networks. A test environment separated by a router from the Lab-wide network will be exercised in determining options for interoperability. Converting from PC networks to UNIX will also be implemented.

**4. Office Automation:** CTD will make available applications like ANLPHONE for distributed network environments (e.g., AppleTalk, UNIX, PCs).

**5. Standardized Software:** Microsoft Word, Microsoft Excel Spreadsheet.

**Custodial (Cost Center 504)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Julie McNeil	All	N/A	2747	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Gateway 2000	2	2	2

**Software**

<i>Word Processing/Editing</i> WordPerfect	(2)	<i>Operating Systems</i> Windows 3.0	(2)
<i>Spreadsheet</i> MS Excel	(1)		

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Continued expansion of personal computing capabilities is planned for the next year.

**3. Local Area Networking:** Local area network installation in Buildings 201, 4, 810, 827 is planned for next year. Expansion of 214 network is planned for the last half of 1992.

**4. Office Automation:** None planned.

**5. Standardized Software:** A committee to select and standardize software and hardware system for PFS has been formed. John Mitchell is chairperson, x8610. The charter of this committee is to maintain consistent computing activities with the PFS Division.

**DIN (Cost Center 509)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Dorothy Andrews	All	2753	2752	piga at anladm2

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Epson	1	1	2

**Software**

<i>Word Processing/Editing</i> WordPerfect	(2)	<i>Operating Systems</i> DOS	(2)
<i>Database</i> DBase IV	(2)	<i>Spreadsheet</i> Lotus 1-2-3	(2)

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Continued expansion of personal computing capabilities is planned for the next year.
- 3. Local Area Networking:** Local area network installation in Buildings 201, 4, 810, 827 is planned for next year. Expansion of 214 network is planned for the last half of 1992.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** A committee to select and standardize software and hardware system for PFS has been formed. John Mitchell is chairperson, x8610. The charter of this committee is to maintain consistent computing activities with the PFS Division.



## Division of Educational Programs (Cost Center 139)

### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Catherine Beles	Workstations Networks	3193	4817	cbeles@dep.anl.gov

### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	11	15	15
Compaq	1	1	1
Club American	2	2	2
Tatung	9	9	9
Epson	15- 20	20-25	20
Dell	0	10	15

### Software

#### *Languages/Compilers*

Turbo BASIC	(1)
Turbo Pascal	(1)
Microsoft C	(1)

#### *Word Processing/Editing*

Word	(15)
Word for Windows	(1)

#### *Spreadsheet*

Supercalc	(5)
Quattro Pro	(2)

#### *Other*

CC: Mail	(50)
Xtree	(30)

#### *Graphics*

Super Image	(1)
Harvard Graphics	(2)
Corel Draw	(1)

#### *Desktop Publishing*

Ventura	(1)
Pagemaker	(1)

#### *Database*

dBASE III Plus	(15)
dBASE IV	(2)

#### *Communication/Terminal Emulation*

Kermit	(20)
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**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local 3Com	35	0
Local LAN-MAN Server	35	40

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Continue to upgrade PCs to replace obsolete machines.
- 3. Local Area Networking:** Implement finishing stages of migration from 3Com to Microsoft LAN Manager. Install cable trays and pull new Ethernet cable.
- 4. Office Automation:** Design a standardized database file system for the entire division, allowing multiple users access to it.
- 5. Standardized Software:** Microsoft Word, dBASE III Plus, Harvard Graphics, Quattro Pro, Microsoft Windows, CC: Mail, Xtree, Norton Utilities, Supercalc.

**Electronics (Cost Center 143)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Dale Travis	All	4021	6964	anlel::travis
Loretta Phillips	All	4021	6934	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Next	2	2	2
MCI	1	1	1
EL Clone	21	29	30
Apple	3	9	9
Gateway	17	5	5
IBM	1	25	26
Panasonic	1	1	1
SUN	4	12	13
DEC	7	7	8
Compaq	2	2	2

**Software**

<b>CAD</b>		<b>Diagnostic</b>	
Orca1	(17)	PC Technician	(1)
Claris	(1)	PS/View	(1)
AutoCAD	(1)	QA Plus	(1)
Easy Flow	(1)	System Sleuth	(4)
Slick 386	(1)	Win Sleuth	(1)
<b>Graphics</b>		<b>Word Processing/Editing</b>	
DrawPerfect	(4)	Correct Grammar	(3)
GemArtline	(1)	PC Write	(3)
Harvard Graphics	(1)	Rightword	(1)
McDraw II	(1)	MS Word	(4)
Proshow	(2)	WordPerfect	(19)
MacDraw Pro	(1)	Wordstar	(12)
Dr Gem	(1)	<b>Communication/Terminal Emulation</b>	
Pizazz Plus	(1)	Brooklyn Bridge	(4)
<b>Database</b>		Carbon Copy	(1)
dBASE IV	(4)	Procomm Plus	(5)
Paradox	(3)	Reflections	(2)

**Software (continued)***Operating System*

3 + open	(1)
DesqView	(10)
Direct Access	(1)
DR DOS	(2)
Gem/3	(1)
IBM DOS	(7)
LAN Manager	(1)
MS DOS	(30)
Netware	(1)
Norton Desktop	(2)
MS Windows	(10)
Uniforth Profs	(1)
Desqview/X	(4)

*Spreadsheet*

Lotus 1-2-3	(2)
MS Excel	(1)
Quattro Pro	(10)

*Utilities*

75 various packages

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet		
TCP/IP	9	9
DECNet Vax	13	14
Telnet	2	7
Mac Appletalk	5	5
IBM PC Clone Pathworks	25	27
Terminal Server with LAT	5	5
Cisco router	1	1

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

1. **Scientific Work Stations:** None planned
2. **Personal Computing:** None planned
3. **Local Area Networking:** None planned.
4. **Office Automation:** None planned.
5. **Standardized Software:** None indicated.

# Energy, Environmental, and Biological Research Program Administration (Cost Center 274)

## Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Austine Petersen	Macintosh	3847	3721	austine_petersen@qmgate.anl.gov

## Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Apple (II, Macintosh)	2	2	2
AST (286, 386 SX Clones)	3	3	3
Compaq	1	1	1
Gateway 200 386/33c	1	1	1
Hewlett packard Desk Jet	1	1	1
Hewlett Packard Desk Writer	1	1	1
Hewlett Packard Scan Jet	1	1	1
Howteck Scanner	1	1	1
IBM (PC, AT, XT, PS/2)	4	4	4
Image Writer II	2	2	2
Laser Writer II	2	2	2
Macintosh II	1	1	1
Macintosh IIsx	3	3	4
Macintosh IIfx	2	2	2
Macintosh 1 Mb	1	1	1
Macintosh Portable	1	1	1
Macintosh SE 30	1	1	1

## Word Processors

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1992</i>
NBI	0	0	0

Software			
<i>Graphics</i>		<i>Word Processing/Editing</i>	
Microsoft Chart	(1)	Word	(5)
Springboard Publisher	(1)		
PixelPaint	(1)	<i>Spreadsheet</i>	
Printshop	(1)	Excel	(4)
MacDraw II	(2)		
MacProject II	(1)		
Canvas 2.0	(1)		
Bisomess 1	(1)		
Microsoft Power Point	(1)		
Cricket Graph	(1)		

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** 1 color printer; updates on software; additional hard drives.
- 3. Local Area Networking:** Networking SBC group via Apple Talk.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** Updates as available.

**Energy Systems (Cost Center 155)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Erika Shoemaker	All	N/A	7846	erika_shoemaker@qmgate.anl.gov

**Personal Computers and Workstations**

All personal computers and workstations are included in the inventory for Cost Center 274.

**Software\****Utilities*

Norton Utilities	(2)
Apple File Exchange	
BINHEX 4.0	(2)
Auto UnStuffIt Installer 1.5	
DiskFit 2.0	(2)
D S Backup 4.2	
Hard Disk Formatter 3.27.3	
Hard Disk Formatter 3.27.4	
HD Backup 1.6	
MacLink Plus/PC	
MacTREE Plus	
After Dark	
Shiva Config	
HeapFixer	

*Database*

Filemaker Pro	(2)
Filemaker II	(2)
Paradox	(1)

*Networking*

Tops
AppleShare

*Language*

Shell Compiler
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*Communication/Terminal Emulation*

Reflection 4+	(1)
NCSA Telnet 2.3	(2)
Red Ryder 10.0	N/A
Red Ryder 10.3	N/A
Tops DA	(2)
tn3270	
Mac3270 2.0.3 EPRI	
telpass	

*Word Processing/Editing*

WordPerfect	(1)
Microsoft Word 4.0	(2)
Correct Grammar	N/A
TeachText	(2)

*Graphics*

Deltagraph 1.5c	N/A
MacDraft	N/A
SuperPaint 1.1 MS	N/A

*Spreadsheet*

MicroSoft Excel
MicroSoft Excel Setup

*Project Management*

Microsoft Excel	(2)
InstaPlan	(1)

\* Unless otherwise noted, copies of individual packages were unavailable.

**Software (continued)\****Other*

DCA Conversion 1.5		Disk First Aid	(2)
Edit		Font Harmony	
Install Keypad	(2)	Layout Plus	(2)
MacWelcome 1.4		Offline 2.0	
PrintMonitor	(2)	RamDisk	
Speed Disk	(2)	Total Recall 1.2.3	(2)
Virus RX		Interbase	
QuickMail		DialTrans	
Loodle 3		Dialog Editor	(2)
Smart Alarms		Expressionist	
Font/DA Mover	(2)	Installer	(2)
Spool		MicroSoft Excel Setup	
PackIt		Profiler	
Sound Mover 1.3		Start Tops	
QuickDEX		MacEnvy	
MailSender		Word Finder	
Eraser		Open PowerStation	
Disinfectant 1.8	(2)	Softtalk	
Font & Sound Valet		Font/DA Mover 3.8	
Interferon 3.1		Suitcase	
Oasis 2.0		PrintDEX 1.4e	
QM Forms		Sound>snd 1.2e	
StuffIt 1.5.1		UnStuffIt 1.5.1	
MacTCP		NetModem	
Appointments		Fetch	
Software Bridge/Mac			

\* Unless otherwise noted, copies of individual packages was unavailable

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

1. **Scientific Work Stations:** None planned.
2. **Personal Computing:** None planned.
3. **Local Area Networking:** None planned.
4. **Office Automation:** None planned.
5. **Standardized Software:** None indicated.



**Engineering Physics (Cost Centers 115, 117, and 211)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Charles Miller	All	5161	4564	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	53	55	55
Apple (II, Macintosh)	34	36	38
Compaq	17	18	19
Sun	11	13	15
Club American	1	1	1
AST Research	2	2	2
MicroStar	5	5	5
Radio Shack	2	2	2
Others	21	23	23
Gateway	39	41	42

**Software**

<i>Graphics</i>		<i>Word Processing/Editing</i>	
MacDraw II	(10)	MacWrite	(14)
MacPaint	(10)	Word	(2)
Freelance	(3)	WordPerfect	(15)
SuperImage	(4)	WordStar	(2)
Harvard Graphics	(2)	PC Write	(1)
Graphwriter	(1)		
<i>Utilities</i>		<i>Languages/Compilers</i>	
Norton Utilities	(3)	Fortran	(3)
Mace	(1)	C	(3)
Norton Commander	(2)	Turbo Pascal	(2)
X-Tree	(1)	Basic	(30)
		Assembly	(2)
<i>Communication/Terminal Emulation</i>		<i>Spreadsheet</i>	
Kermit	(10)	Multiplan	(1)
XTalk	(3)	Lotus 1-2-3	(6)
<i>Integrated Packages</i>		<i>Database</i>	
Excel	(1)	DBase III Plus	(3)
		DBase IV	(11)
<i>CAE/CAD</i>			
AutoCAD	(45)		

Network Connections		
	Existing FY1992	Estimated Total FY1993
Lab-wide Ethernet		
TCP/IP	53	55
Local 3Com	6	6

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** Add CAD stations as needed and continue upgrade of older equipment.
- 2. Personal Computing:** Maintain a high level of computing competency in engineering personal computing through improvements in software and computer capabilities.
- 3. Local Area Networking:** Upgrade the Division servers to accommodate more users and implement the use of networking between scientific managers and Division administration.
- 4. Office Automation:** Standardize on IBM (clone) and WordPerfect for administrative work.
- 5. Standardized Software:** WordPerfect 5.1 for secretaries on IBM (clones), Lotus 1-2-3 for budgeting, DBase IV.

**Engineering Research (Cost Centers 171 and 271)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Ronald Scharping	All	5318	4490	b11898@anlvm.ctd.anl.gov

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	11	11	11

**Software**

<i>Word Processing/Editing</i>		<i>Database</i>	
WordPerfect	(6)	DBase III Plus	(1)
		DBase IV	(1)
<i>Graphics</i>		<i>Spreadsheet</i>	
Freelance	(1)	Lotus 1-2-3	(1)
<i>Desktop Publishing</i>		Quattro Pro	(1)
Ventura	(1)		

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local 3Com	2	0
Labwide Ethernet	0	2

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** Connection to Labwide Ethernet.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** WordPerfect 5.1.

# Environment, Safety, and Health/Quality Assurance Oversight (Cost Center 333 & 331)

## Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Dan Miller	All	5965	5775	Miller@Cygnus.anl.gov

## Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	5	5	4
Gateway 486	5	7	6
Gateway 386	3	13	13
Apple Mac	1	1	1
AT&T Safari	0	1	1

## Word Processors

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
Micropolis Radion Array	0	1	1
Gateway 486 File	1	1	0
Gateway 486 Database	0	1	1
Gateway 486 Comm	1	1	1
P5 File	0	0	1

## Software

### Utilities

SQL Windows	(5 users)
dAnalyst	(1)
Codebase++	(1)
Phar Lap 386	(1)
Borland C++	(1)
Netware C 386	(1)
Perform Pro	(2)
Vulcan	(1)
Fox Distribution	(1)

### Database

DBase IV	(9 users)
Foxpro 2.0 LAN	(250 users)
SQLbase	(5 users)
Netware SQL	(250 users)
Emerald Bay	(2 users)

### Spreadsheet

Lotus 1-2-3	(4)
Excel	(8)

**Software (continued)***Communication/Terminal Emulation*

On Lan/PC	(15 users)
On Lan/MAC	(15 users)
Procomm Plus	(3)

*Graphics*

Powerpoint	(4)
Harvard	(2)
Corel Draw	(1)

*Word Processing/Editing*

WordPerfect DOS	(18)
WordPerfect Windows	(6)

**Network Connections**  
**(Also Support Non-ESH/QA Users)**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Novell	40	65-70
DaVinci	40	65-70
Netware Access	8	8

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Incremental additions.
- 3. Local Area Networking:** Expand Novell Network.
- 4. Office Automation:** Add on time calendaring program to network.
- 5. Standardized Software:** WordPerfect (DOS, Windows, or Mac).

**Environment, Safety, and Health Division--Division Office  
(Cost Center 235)**
**Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Jeanne Blomquist	All	5778	5640	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	4	4	5
Apple/MacIntosh	1	1	1
Gateway 2000	0	0	7
Panasonic	0	0	1
AST	0	0	1

**Software**
*Utilities*

Norton	(2)
Formtool	(2)
Deskview 386	(2)
PC-Kwik	(1)
SYTRAN	(1)
IZE	(1)
DeskTop	(1)
DeskLink	(1)
Xtree	(1)
Perform	(1)
Magellan	(5)
WordLink	(1)
FormTool	(1)

*Spreadsheet*

Lotus 1-2-3	(4)
MultiPlan	(1)
Quattro Pro	(1)
Excel	(3)

*Integrated*

GeoWorks	(1)
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*Other*

Syzygy	(1)
Agenda	(1)
Grammatik	(1)
RESRAD	(1)
AmiPro	(1)
MAC Draft	(1)
MAC Project II	(1)
Calendar Creator Plus	(2)

*Graphics*

MS Paint	(1)
Freelance Graphics	(1)
Harvard Graphics	(1)
Pagemaker	(2)
PR2US	(1)

*Word Processing/Editing*

WordPerfect	(12)
MultiMate	(1)
MS-Word	(2)
QEDIT	(1)

**Software (continued)***Databases*

dBASE IV	(3)
dBASE III Plus	(1)
Paradox	(2)
Rbase	(6)
FoxPro	(1)

*Statistical*

SYSTAT	(1)
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*Communication/Terminal Emulation*

Kermit	(4)
OnLan	(3)
Reflection	(1)

*Languages/Compilers*

Quick Basic	(1)
Turbo Pascal	(1)
Borland C++	(1)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local 3Com	3	3
ESH/QA Network	2	2

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** All PC's in building 201 will be added to the ESH/QA Network.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None planned.



**Environment, Safety, and Health Division--Dosimetry and Analytical Services  
(External Dosimetry) (Cost Center 235)**
**Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Elwyn Dolecek	All		3317	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	6	6	7
Gateway	0	0	1

**Software**

<i>Word Processing/Editing</i>		<i>Database</i>	
Professional Write	(7)	dBASE III Plus	(7)

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also include standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None planned.

### Environment, Safety, and Health Division--Dosimetry and Analytical Services (Internal Dosimetry) (Cost Center 235)

#### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Donald Nelson	All		3915	N/A
Richard Holtzman	All		3915	N/A

#### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	10	10	17
Hewlett Packard			2
Gateway 2000			4
DEC MICROVAX			1
Epson Equity III Plus			1
CUI Advantage 286			1
Hyundai			1
DEC PDP11/34			1

#### Software

##### Utilities

PC Tools	(1)
Norton Utilities	(2)
Fastback	(1)
Sideways	(1)
R & R	(1)
Kedit	(8)
Screen Extender	(1)
Sidekick	(2)
XTREE Gold	(2)

##### Spreadsheet

Lotus 1-2-3	(2)
Multiplan	(2)
Quattro Pro	(5)
Excel	(1)

##### Databases

dBASE III Plus	(4)
dBASE IV	(10)
Quest	(4)

##### Integrated

Enable	(1)
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##### Other

AA User	(1)
Thermospec	(1)
Chemstation	(2)
PS Series	(1)
Remedy	(2)
Cindy	(5)
Nuclear Data/Singlet Peak Src	(1)
Nuclear Data/Nucl Identifier	(1)
Nuclear Data/Spectroscopy App	(1)
PCLPAK	(1)
AIRDOS-PC (EPA)	(1)
Remedy C+	(3)
LSTSQ (ANL)	(2)
Gofer	(1)
CastleSoft	(1)
Netroom	(1)
LUCAS	(2)
ORTEC ADCAM	(1)
Control Software	(1)
Packard 2200 CA	(1)
TRI-CARB 2500	(1)
LB4000 Control	(1)
SkinDose	(1)

**Software (continued)***Other (continued)*

CAP88 (1)  
 Camberra Software (1)

*Communication/Terminal Emulation*

Kermit (12)  
 Procomm Plus (1)  
 SIMPC (2)

*Statistical*

SYSTAT (2)

*Languages/Compilers*

Quick Basic (3)  
 MS Fortran (1)  
 DEC/MICRO VMS Fortran (1)  
 Nuclear Data/English Language (1)

*Graphics*

Draw Perfect (1)  
 Harvard Graphics (4)

*Word Processing/Editing*

WordPerfect (15)

**Network Connections**

*Existing  
FY1992*

*Estimated Total  
FY1993*

Lab-wide Ethernet  
 DECnet  
 Local 3Com

2  
2

4  
4

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** None planned.

**Environment, Safety and Health Division--Emergency Management (Cost Center 235)**
**Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Mary Goodkind	All		3316	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT,XT, PS/2)	1	1	1
Apple/MacIntosh	3	3	3

**Software**
*Utilities*

Hypercard	(2)
CMS-SCSI	(1)
Cameo Workshop	(1)
Sam II	(1)
MAC Format	(1)
Mouse Utilities	(1)
MacIntosh Tools	(1)
HP Laser Screen Fonts	(1)
HP Laser Printing Tools	(1)

*Graphics*

MS Paintbrush	(1)
Aldus Persuasion	(1)
McDraw PRO	(1)

*Word Processing/Editing*

Word	(2)
Professional Write	(3)

*Databases*

RBASE for DOS	(1)
Cameo	(3)

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** None planned.

**3. Local Area Networking:** None planned.

**4. Office Automation:** None planned.

**5. Standardized Software:** None planned.

**Environment, Safety and Health Division--Fire Protection (Cost Center 235)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Timothy Tess	All		6183	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC,AT,XT, PS/2)	4	6	8
Apple/MacIntosh	1	1	1

**Software***Word Processing/Editing*

MS Word	(2)
WordPerfect	(7)
MS Publisher	(1)

*Graphics*

HyperCard	(1)
MAC Draw II	(1)
AutoCad	(1)

*Utilities*

Sam	(1)
Sum	(1)

*Other*

FPLTool	(1)
MS Works	(1)
MS Money	(1)
MS ENTPAK	(1)
HASS	(1)

*Databases*

dBASE III Plus	(1)
Filemaker Pro	(1)

*Spreadsheet*

MS Excel	(2)
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*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Personal Computer work stations for 8 employees.
- 3. Local Area Networking:** LAN, Novell.
- 4. Office Automation:** A common database which is accessible to all ESH-FP personnel.
- 5. Standardized Software:** dBASE III Plus, MicroSoft Excel.

### Environment, Safety, and Health Division--Health Physics (Cost Center 235)

#### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
McLouis Robinet	All		3326	N/A

#### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	7	7	15
Hewlett Packard			1
Gateway 2000			8
ANL Custom Built			2
DataWorld			2
Chicago Computer Exchange Custom Built			6
Compac Plus			1
Zenith			3
NEC			3
LM			1
Tandy			2

#### Software

<i>Other</i>		<i>Graphics</i>	
Professional File	(1)	Lotus Freelance	(3)
NRRPT Exam	(3)	AdCADD DTM	(1)
Genii	(1)	AdCADD INOUT REDUCT	(1)
Traces	(2)	Grapher	(3)
RSIC Free OAD Codes	(1)	PaintBrush	(1)
ALDOSE	(2)	PC Paint	(1)
SkyShine	(1)	Finger Paint	(1)
MCNP	(1)	AutoMap	(2)
Info Select	(1)	Drafix + Ultra CAD	(2)
After Dark	(1)	AutoCAD	(1)
Quarterdeck	(1)	AdCADD COGO	(1)
PC Orps	(1)	Generic CAD	(1)
GSDISP	(1)	Drafix 3D	(1)
Remedy	(1)	Drafix Ouo	(1)
MIRDOSE	(1)	LetterEase	(1)
VARSKIN	(1)	MathCAD	(4)
PROIIS	(2)	Sygraph	(1)
5100	(2)	DeskScan	(1)
Cameo	(2)	Paintshop Pro	(1)
Weather Brief	(1)	MS Power Point	(1)
RadDecay	(4)		



## Software (continued)

*Other (continued)*

Plasma Display Manager	(1)
Intel Above Boards	(1)
PDS2	(1)

*Word Processing/Editing*

WordPerfect	(21)
Professional Write	(15)
MultiMate	(2)
Kedit	(1)
OmniPage Professional	(1)

*Communication/Terminal Emulation*

Kermit	(1)
Procomm	(2)
SatisFAXtion	(1)
Reflection	(1)

*Spreadsheet*

Quattro Pro	(11)
Lotus 1-2-3	(4)
PFS Pan	(1)

*Languages/Compilers*

MS Fortran	(3)
Quick Basic	(2)
Forth	(2)
MS C/C++	(2)

*Databases*

dBASE III Plus	(9)
dBASE IV	(1)
Paradox	(10)

*Utilities*

Formtool	(3)
PC MAG Utilities	(1)
MicroShield	(2)
OAD	(2)
Desktop for Paradox	(1)
Fasmath Diagnostics	(1)
Norton Utilities	(2)
AutoChoice	(1)
Expert Mouse	(1)
Name That Disk	(1)
Numerical Recipes C	(1)
Numerical Recipes Fortran	(1)
AIRDOS-EPA	(1)
CAP-88	(1)
MSoft Mouse	(1)
PC Tools	(1)
VGA1024C	(1)
Central Point Backup	(1)
Company Ladder	(1)
XTree Gold	(2)
Chem +	(1)
Archie	(1)
DeskTeam	(1)
GDR (Nucleus)	(1)
PCA (Nucleus)	(1)
Directory Scanner	(1)

*Statistical*

Systat	(1)
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*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** None planned.

**3. Local Area Networking:** None planned.

**4. Office Automation:** None planned.

**5. Standardized Software:** None planned.

**Environment, Safety, and Health Division--Industrial Hygiene (Cost Center 235)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
James Woodring	All		5641	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	4	4	6
Hewlett Packard	1	1	1
Gateway 2000			3
Panasonic			1

**Software***Utilities*

Sideways	(1)
Norton	(1)
PC Tools	(9)
Printshop	(1)
Enercharts	(1)
Software Bridge	(1)
Scanner Utilities	(1)
Data Logger Utilities	(2)
CNC Utils	(2)
Formtool	(1)

*Word Processing/Editing*

WordPerfect	(2)
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*CAE/CAD*

CADD II	(1)
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*Graphics*

MS Paint	(1)
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*Databases*

dBASE III Plus	(3)
Gloves	(1)
CCInfo	(1)
Clothing	(1)
dBASE IV	(1)

*Communication/Terminal Emulation*

Kermit	(3)
XTALK	(1)
Procomm	(2)

*Spreadsheet*

Lotus1-2-3	(1)
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*Languages/Compilers*

Basic	(5)
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Network Connections		
	Existing FY1992	Estimated Total FY1993
Local 3Com	5	8

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

1. *Scientific Work Stations:* None planned.
2. *Personal Computing:* None planned.
3. *Local Area Networking:* None planned.
4. *Office Automation:* None planned.
5. *Standardized Software:* None planned.

**Environment, Safety, and Health Division--Safety Engineering Section (Cost Center 235)**
**Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
David Wise	All		3836	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	2	2	2
Gateway	1	1	3
Packard Bell	0	0	1

**Software**

<i>Utilities</i>		<i>Word Processing/Editing</i>	
PC Tools	(1)	WordPerfect	(5)
PC Anywhere	(1)		
<i>Graphics</i>		<i>Databases</i>	
Harvard Graphics	(2)	dBASE III Plus	(4)
<i>Communication/Terminal Emulation</i>		<i>Spreadsheet</i>	
Procomm Plus	(2)	Excel	(2)
		<i>Other</i>	
		Text-Trieve	(3)

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** All workstations are to be added to ESH 3COM local area network.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None planned.

## Environment, Safety, and Health Division--Training and Quality Assurance (Cost Center 235)

### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Dean Larson	All		4573	N/A

### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	4	4	5
Gateway 2000			4
Sony			1
AST			1
Apple/MacIntosh			2

### Software

#### Graphics

HyperCard (Claris)	(1)
Lotus Freelance Plus	(1)
Harvard Graphics	(4)
PictureIt	(4)
MAC Draw Pro	(1)
MAC Draft	(1)
ORG+	(2)
Super Image	(1)
Print Maker	(1)
VIP	(1)
EnerGraphics	(1)
Hot Shots	(3)
PhotoMetric	(1)
Claris MAC Draw II	(1)

#### Word Processing/Editing

WordPerfect	(10)
MS Word	(1)
Typist	(1)
Q&A	(1)
Professional Write	(1)

#### Other

Dazzle	(2)
Forth Dimension	(1)
MAC Project II	(1)
IMC	(1)
Critical Safety	(1)
TenCore	(4)
Crossword	(1)
Metric X MX110	(1)
RadDecay	(1)
Certificate Maker	(1)
Certificate Library	(1)
Radiation Worker Safety Course	(2)
HazMat Shipping Course	(1)
Generic Rad Worker Safety Training	(1)
IBM Linkway	(1)

#### Communication/Terminal Emulation

QModem	(1)
Kermit	(2)
PC Plus	(1)

**Software (continued)***Utilities*

PC Tools	(8)
Logical Connection	(3)
Argosy Software Bridge	(3)
Fifth Generation DiscLock	(1)
Scan	(1)
Soft PC	(1)
Grammatic IV	(1)
Formtools	(1)
SitBack	(1)
XTree	(1)
CatDisk	(1)
Sideways	(1)
Norton Utilities	(1)

*Statistical*

Chemistry Works	(1)
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*Spreadsheet*

Claris File Maker Pro	(2)
Lotus 1-2-3	(1)
Quattro Pro	(2)
MultiPlan	(1)

*Databases*

OETS (Tracking System)	(1)
Video	(1)
Regscan	(1)
dBASE III Plus	(2)
dBASE IV	(2)

*Language/Compiler*

Clipper	(2)
Basic	(1)

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** None planned.

**3. Local Area Networking:** None planned.

**4. Office Automation:** None planned.

**5. Standardized Software:** None planned.



## Environmental Assessment and Information Sciences Division (Cost Center 165)

### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Dee Seymour	IBM	5128	8023	seymour@athens.eid.anl.gov
Lou Kvitek	Sun Workstations	5128	3132	kvitek@athens.eid.anl.gov
Dick Eagan	Sun Networks	5128	3435	eagan@eid.anl.gov
James Renz	PC and Mac Networks	5128	4650	renz @ athens.eid.anl.gov

### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	215	150	100
Apple (II, Macintosh)	10	110	120
Compaq	50	60	95
Sun	57	70	90
Zenith	28	9	9
AST Research	7	7	7
Toshiba	15	20	22
Epson	2	4	4
NeXT	5	7	13
NEC	10	3	3
Visual Tech	18	18	18
Gateway 2000	50	90	120
SGI	0	1	1
Everex	0	5	5
Dell	0	4	4
AT&T	0	3	3
DTK	0	1	1
Touche	0	1	1
Zeos	0	1	1
Grid	0	1	1
Gems	0	1	1
NBI	0	1	1

## Software

*Communication/Terminal Emulation*

VTerm	(7)
Procomm	(50)
VersaTerm	(9)
Red Ryder	(29)
Relay Gold	(9)
Kermit	(50)
SmarTerm	(9)

*Word Processing/Editing*

MacWrite	(4)
Word	(75)
KEDIT	(3)
WordPerfect	(250)
Word Star	(2)
Norton	(16)
Framemaker	(6)

*CAE/CAD*

AutoCAD	(3)
MacDraft	(14)
VersaCAD	(1)

*Desktop Publishing*

PageMaker	(6)
Legend	(1)

*Integrated Packages*

Excel	(65)
Lotus 1-2-3	(50)

*Graphics*

MacDraw II	(9)
MacPaint	(1)
Gem Draw	(7)
Harvard Graphics	(25)
Kaleidagraph	(6)
Graphic	(3)
SuperImage	(5)
Cricket Graph	(20)

*Languages/Compilers*

MS Fortran	(17)
Lahey Fortran	(3)
Turbo Pascal	(5)
Turbo C	(10)
MS C	(10)

*Database*

dBASE	(22)
Q&A	(9)
Paradox	(20)
Ingris	(1)

*Project Management*

MacProject II	(2)
Timeline	(11)

*Utilities*

Norton	(75)
MS Windows	(100)

## Network Connections

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet		
TCP/IP	375	200
DECnet	3	1
Both	3	0
Lab-wide AppleTalk	144	150
Local 3Com	0	0
Novell	200	200

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** Develop and enhance GIS capabilities.
- 2. Personal Computing:** Standardize all computers to latest operating system.
- 3. Local Area Networking:** Route NOVELL over labwide Ethernet.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** WordPerfect, Microsoft C, Borland C, Lotus, CC:Mail, MSWindows, DOS 5.0, Microsoft Word, MacSystem 7

**Environmental Research Division (Cost Center 149)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Terry Pawlisz	All	5747	4487	terry_pawlisz@qmgate. mct.anl.gov

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	10	12	12
Apple (II, Macintosh)	65	72	80
Zenith	3	3	3
ComputAdd	2	2	2
Gateway	1	1	1
Sun	1	1	3

**Word Processors (Portable/Lap Tops)**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Zenith	1	1	1
Dauphin (386)	1	1	1
Toshiba	2	2	3
MacIntosh	1	1	6
Cambridge	1	1	1

## Software

*Languages/Compilers*

Fortran	(3)
MacFORTRAN	(1)
Quicksilver	(1)
A/UX	(1)
Basic	(1)

*Graphics*

MacDraw II	(10)
MacDraft	(2)
Delta Graph	(1)
SuperPaint	(2)
Kaleidagraph	(5)

*Database*

dBASE III Plus	(2)
Filemaker (II, Pro)	(7)
dBASE IV	(2)
Genifer	(1)
dBXL	(3)

*Word Processing/Editing*

MacWrite	(1)
Microsoft Word	(60)
WordPerfect	(5)
Write Now	(1)

*Utilities*

Systat	(1)
Norton Utilities	(3)
Symantic Utilities	(1)

*Spreadsheet*

Lotus 1-2-3	(2)
Microsoft Excel	(30)

*Presentation Packages*

Power Point	(11)
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*CAD*

AutoCAD 386	(1)
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*Other*

MORE II	(3)
Calendar Maker	(5)
Smart Forms	(2)
Adobe Type Manager	(1)
The Big Thesaurus	(1)
Tennelec	(1)
Plink 86	(1)
Mac Link Plus Translators	(1)
Smart Labels	(1)
TOPS	(7)
DiskFit	(3)
Math Type	(4)
End Note +	(1)
Level 5	(1)
Word Exchange	(1)
Laplink	(1)
Micro Planner	(1)
SUM II	(8)
Fast Forms	(1)
Expressionist	(1)
Image Grabber	(1)
Ortec	(2)
4th Dimension	(1)
Camera	(1)
PC Partner	(1)

*Communication/Terminal Emulation*

VersaTerm (reg, pro)	(19)
Red Ryder	(4)
NCSA Telnet (site-wide license)	

*Geographic Information Systems*

GRASS	(1)
ARC-INFO	(1)

*Integrated Packages*

EXSYS	(2)
EXSYS Pro	(2)

Network Connections		
	Existing FY1992	Estimated Total FY1993
Lab-wide Ethernet		
TCP/IP	3	4
DECnet	9	9

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** Using a SUN workstation for advanced seismic processing; upgrading existing SUN for site planning (data integration); using a SUN for field operations in a mobile location.

**2. Personal Computing:** None planned.

**3. Local Area Networking:** Networking Macintosh computers with the SUN workstation(s) to build greater compatibility.

**4. Office Automation:** None planned.

**5. Standardized Software:** None indicated.

# Environment and Waste Management Program (Cost Center 140)

## Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Dolores Ray	All		5640	N/A

## Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	13	13	20
Gateway 2000	0	2	2

## Software

<i>Word Processing/Editing</i>		<i>Database</i>	
KEDIT	(1)	DBase III Plus	(16)
WordPerfect	(13)	DBase IV	(10)
<i>Graphics</i>		<i>Communication/Terminal Emulation</i>	
Grapher	(1)	Kermit	(4)
Surfer	(1)	<i>Spreadsheet</i>	
		Lotus 1-2-3	(13)

## Network Connections

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local 3Com	13	30

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** Local area network will be expanded to include all of EWM personnel.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None indicated.



**Facilities Planning/Engineering (Cost Center 512)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Vytenis Milunas	All		7336	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PS/2)	19	16	16
Compaq	3	5	5
Epson	6	10	10
Mitac	1	1	1
Gateway	0	5	10
PCC	0	5	5

**Software****CAE/CAD**

Precade	(1)
AutoCAD 386	(8)
MathsoftCAD	(1)
AutoCAD 10	(1)
AutoCAD 11	(4)
ASG Core	(2)
ASG Mechanical	(3)
ASG Plumbing	(3)
ASG Structural	(1)
ASG Mechanical HVAC	(1)
ASG Electrical	(1)

**Word Processing/Editing**

Multimate	(1)
Microsoft Word	(13)
Word 5.0	(1)
WordPerfect Office	(5)
WordPerfect	(22)
WordPerfect 5.1	(1)
RightWriter	(1)

**Other**

386 Max Professional	(1)
OSHA Fast Regs.	(1)
Micros-DOE	(1)
Procomm	(4)

**Utilities**

Lotus Agenda	(1)
Compaq Faststart	(1)
Norton Utilities	(4)
Norton Commander	(6)
Comert	(1)
EMCEG	(1)
Dapper	(1)
Captor	(1)
Afault	(1)
Cable	(1)
Def+	(1)

**Graphics**

Harvard Graphics	(2)
Perform	(1)
Original Charts	(2)
DrawPerfect	(9)
Org +	(1)
Creative Calendar	(1)

**Project Management**

Primavera	(1)
Cambridge Analyst	(1)

**Operating Systems**

Compaq MS-DOS	
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Software			
<i>Spreadsheet</i>		<i>Database</i>	
Microsoft Multiplan	(1)	dBASE IV	(4)
Lotus 1-2-3	(22)	RBase	(2)

Network Connections		
	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
DecNet	2	2

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Continued expansion of personal computing capabilities is planned for the next year.

**3. Local Area Networking:** Local area network installation in Buildings 201, 4, 810, 827 is planned for next year. Expansion of 214 network is planned for the last half of 1992.

**4. Office Automation:** None planned.

**5. Standardized Software:** A committee to select and standardize software and hardware system for PFS has been formed. John Mitchell is chairperson, x8610. The charter of this committee is to maintain consistent computing activities with the PFS Division.

**Fire Department (Cost Center 236)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Cynthia Hijuelos	Workstations	5440	6136	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	3	4	4
Apple (II, Macintosh)	1	3	3

**Software**

<i>Database</i>		<i>Word Processing/Editing</i>	
dBASE III	(1)	MultiMate	(1)
dBASE IV	(1)	WordPerfect	(1)
CAMEO	(1)		
FireProof (FMS) Tracking System	(1)	<i>Graphics</i>	
		Microsoft chart	(1)
<i>CAE/CAD</i>			
ACAD	(1)		

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Computerization of day-to-day emergency response data for rapid retrieval and analyses is planned for the next fiscal year. (Software for this program is undetermined at this date.)

**3. Local Area Networking:** None planned.

**4. Office Automation:** None planned.

**5. Standardized Software:** WordPerfect.

**Health Department (Cost Center 148)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Ken Vassallo	All		2804	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	18	18	20

**Software**

<i>Word Processing/Editing</i>		<i>Spreadsheets</i>	
Word	(10)	Excel	(10)
WordStar	(4)		
<i>Database</i>		<i>Utility</i>	
DBase IV	(2)	SideKick	(2)
Informix	(1)	SideKick Plus	(1)
Clipper	(1)	Norton 4	(3)
<i>Communication/Terminal Emulation</i>		<i>Other</i>	
Kermit	(2)	Free Link Micro	(8)
IBM PC3270	(7)	Stedman's Med.	(1)
Telnet	(1)	IBM DOS	(20)

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Add new PS/2 Workstations to LAN Manager Network.
- 3. Local Area Networking:** Local Area LAN Manager.
- 4. Office Automation:** Barcode, check in process, direct entry of physical results.
- 5. Standardized Software:** Word, Excel.

**High Energy Physics (Cost Center 137)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Jim Schlereth	All	N/A	6281	jls@hep.anl.gov

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	N/A	N/A	33
Apple (II, Macintosh)	N/A	N/A	20
Compaq	N/A	N/A	4
VAXstation 3000	3	3	4
DECstation	0	1	1

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
Exxon/Vydec	N/A	N/A	6

**Software\***

<i>CAE/CAD</i>		<i>Communication/Terminal Emulation</i>	
AutoCAD	(1)	VTerm	(4)
Altera	(1)	Kermit	(6)
		ORCAD	(3)
<i>Graphics</i>		Tango	(1)
MacDraw II	(8)		
MacPaint	(6)	<i>Spreadsheet</i>	
		Multiplan	(1)
<i>Languages/Compilers</i>		Lotus 1-2-3	(1)
GW Basic	(1)		
Professional Fortran	(2)	<i>Project Management</i>	
		MacProject II	(1)
<i>Integrated Packages</i>			
Excel	(2)	<i>Utility</i>	
		DOS	(3)

\* The numbers of software packages are estimates.

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet		
TCP/IP	15	30
DECnet	10	20
Both	7	7

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None indicated.

**Human Resources (Cost Center 410 and 416\*)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
George Lales	All	3014	2987	B35710 AT ANLVM

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM ( PC, AT, XT, PS/2)	45	55	59
MacIntosh	1	5	6

**Software***Communication/Terminal Emulation*

Kermit	(1)
IBM PC3270	(15)
Telex	(1)
Maxess	(55)

*Word Processing/Editing*

Word	(15)
KEDIT	(1)
Word for Windows	(50)

*Integrated Packages*

Windows 3.0	(50)
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*Graphics*

Harvard Graphics	(2)
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*Other*

Org. Plus	(3)
Cobra	(1)
Network Schedules (1 NET)	
Omni Page	(1)
MacLinc PC	(1)
CC: Mail (1 NET)	
Form Base	(5)

*Spreadsheet*

Lotus 1-2-3	(3)
Excel	(40)

*Database*

dBASE III Plus	(6)
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\* Includes Secretarial and Clerical Services



### Network Connections

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local 3Com	53	63 (Macs will be added)
Epson Server (LAN Manager)	53	63

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Continue to upgrade microsoft products. Up communications with more shared spaces, mail, scheduling. Automate project management tools for managers. Push personal databases.
- 3. Local Area Networking:** Plan to investigate ad-hoc reporting on the server with DBMS SQL or dBase reporting interface. Move towards client server technology. Finish migration to LAN-Manager. Incorporate Macintoshers. Continue with development of multi-user Clipper information systems.
- 4. Office Automation:** Continue to pursue an acceptable forms processing system on the LAN.
- 5. Standardized Software:** Microsoft Word for Windows; Excel; Windows; Harvard Graphics; CC: Mail; Network Scheduler.

**Inspections (Cost Center 336)**

<b>Primary Contacts</b>				
<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Thomas Busse	Personal Computers	N/A	5713	N/A

<b>Personal Computers and Workstations</b>			
<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	3	3	4
Gateway	0	0	2

<b>Software</b>			
<i>Word Processing/Editing</i>		<i>Database</i>	
Word	(3)	DBase IV	(3)
<i>Spreadsheet</i>			
Multiplan	(3)		

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

1. **Scientific Work Stations:** None planned.
2. **Personal Computing:** None planned.
3. **Local Area Networking:** None planned.
4. **Office Automation:** None planned.
5. **Standardized Software:** None indicated.

**Intense Pulsed Neutron Source Program (Cost Center 136)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Ira Bresof	All	N/A	8705	BRESOF AT ANLPNS

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	11	6	6
Apple (II, Macintosh)	19	26	29
Compaq	7	6	6
Gateway	0	6	10
Epson	0	2	2
Tri Star	0	1	1

**Software****Word Processing/Editing**

MacWrite	(3)
Word	(17)
Text Editor	(1)
Mass11	(4)
WordPerfect	(3)

**Database**

dBASE III Plus	(1)
Mass11-Manage	(1)
dBASE II Mac	(1)
DEC RDB	(1)

**Integrated Packages**

Excel	(14)
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**Utility**

Misc. MacIntosh	(117)
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**Graphics**

MacDraw II	(5)
MacPaint	(2)
Mass11 Draw	(1)
KaleidaGraph	(8)
DeltaGraph	(1)

**Communication/Terminal Emulation**

Kermit	(8)
PCSA	(9)
Versaterm Pro	(14)

**Spreadsheet**

Multiplan	(3)
Quattro	(6)

**CAE/CAD**

Claris CAD	(2)
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Network Connections		
	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet		
DECnet	1	1
Lab-wide AppleTalk	2	2

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** We plan to add two UNIX Workstations and two VMS Workstations in FY1993.

**2. Personal Computing:** We plan to add two Macintosh computers and two 486 PCs.

**3. Local Area Networking:** We will continue to use ethernet hardware. Communication software will be a mixture of Internet and DECNET.

**4. Office Automation:** We have standardized on Microsoft Word on the Macintosh and are considering changing from Mass11 to Microsoft Word or WordPerfect on the PC.

<b>5. Standardized Software:</b>	Spreadsheet:	Microsoft - EXCEL
	Communications:	Macintosh - Versaterm-Pro, PC- Kermit
	Word Processing:	Macintosh - Microsoft Word
	Mail:	Macintosh - Quick Mail, PC - Pathworks

**Lodging Facilities (Cost Center 222)**

<b>Primary Contacts</b>				
<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Pat Carson	All	N/A	2580	N/A

<b>Personal Computers and Workstations</b>			
<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Mitac (PC)	2	3	3

<b>Software</b>			
<i>Word Processing/Editing</i>		<i>Database</i>	
WordPerfect	(1)	dBASE IV	(2)
		Hotel System	(1)
<i>Spreadsheat</i>			
Multiplan	(1)		
Lotus 1-2-3	(1)		

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Continued expansion of personal computing capabilities is planned for the next year.

**3. Local Area Networking:** Local area network installation in Buildings 201, 4, 810, 827 is planned for next year. Expansion of 214 network is planned for the last half of 1992.

**4. Office Automation:** None planned.

**5. Standardized Software:** A committee to select and standardize software and hardware system for PFS has been formed. John Mitchell is chairperson, x8610. The charter of this committee is to maintain consistent computing activities with the PFS Division.

**Materials Science Division (Cost Center 105)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Paul Domagala	All	4798	5197	domagala@anl.gov

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	19	20	24
Apple (II, Macintosh)	125	157	180
Compaq	8	8	8
Zenith	0	2	2
NEC	0	2	2
SUN	3	3	3
Silicon Graphics	2	2	2
VAX	6	7	7
Next	5	5	5

**Software\***

<i>Graphics</i>		<i>Other</i>	
MacDraw II	(38)	MiniCad	(1)
MacPaint	(30)	QuickMail	(90)
Stateview	(5)	Reflections	(1)
MacDraw	(6)	Timbuku	(47)
MacDraft	(5)	Mathematica	(5)
CricketGraph	(25)	Dreams	(3)
		Dicer	(1)
<i>Languages/Compilers</i>		MathType	(30)
LS Fortran	(7)	Graceland Responder	(157)
MacFortran	(4)		
MPW Pascal	(2)	<i>Communication/Terminal Emulation</i>	
LS Pascal	(5)	VersaTerm Pro	(30)
LS C	(3)	Versa Term	(3)
		NCSA Telnet	(45)
<i>Word Processing/Editing</i>			
MacWrite	(15)	<i>Database</i>	
Word	(110)	dBASE III Plus	(1)
MacWrite II	(10)	Filemaker II	(15)
<i>Integrated Packages</i>			
Excel	(27)	<i>Utilities</i>	
		Disk Express	(2)
<i>Security</i>		SUM	(1)
Nightwatch	(2)		

\* Software totals are estimates.

**Network Connections (nodes)**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet	119	135
Lab-wide AppleTalk	143	175

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** The three existing Sun Sparc IIs will be upgraded to Sparc 10s
- 2. Personal Computing:** A remote tape backup system for the Macintosh computers on the Appletalk network will be added.
- 3. Local Area Networking:** Building 223 network will be rewired, providing ethernet (thin) access to all offices.
- 4. Office Automation:** One of two flat-bed scanners will be added.
- 5. Standardized Software:** Standard Macintosh software now includes Word, Quickmail, Graceland Responder

**Materials and Components Technology (Cost Center 114)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Bill Shack	Macintosh	4798	5137	wj_shack@qmgate.anl.gov

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	35	37	37
Apple (II, Macintosh)	55	60	85
Compaq	2	2	2
Sun & HP Workstations	7	10	10
Zenith	4	4	4
PC Limited	10	10	10
AST Research	1	1	1
PC Clones	7	7	12

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
Exxon/Vydec	1	1	1
NBI	2	2	2

**Software\***

<i>Graphics</i>		<i>Communication/Terminal Emulation</i>	
MacDraw II	(10)	VTerm	(15)
MacDraw	(25)	Kermit	(15)
MacPaint	(25)	QuickMail	(85)
CricketDraw	(3)	Telnet	(30)
KaleidaGraph	(15)	Mail Sender	(15)
DeltaGraph	(5)		
<i>Utilities</i>		<i>Languages/Compilers</i>	
Diskfit	(20)	Fortran	(4)
Super LaserSpool	(25)	Pascal	(4)
Retrospect Remote	(35)	Basic	(30)
		C	(5)

\* The numbers of software packages are estimates.



**Software (continued)\***

<i>Security</i>		<i>Database</i>	
SUM	(3)	dBASE III Plus	(3)
Folder Lock	(3)	Filemaker Pro	(20)
Disinfectant	(50)		
<i>Spreadsheet</i>		<i>CAE/CAD</i>	
Lotus	(3)	MiniCad	(2)
		Dreams	(1)
<i>Word Processing/Editing</i>		<i>Integrated Packages</i>	
Word	(75)	Excel	(20)

\* The numbers of software packages are estimates.

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet		
TCP/IP	18 Nodes + 3 Gator Boxes	25 Nodes + 3 Gator Boxes
Lab-wide AppleTalk	60 Nodes	85
(Fax Modem for E-mail Network)		

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** Will probably add 2-3 workstations (SUN or HP).
- 2. Personal Computing:** Will continue to add Macintoshes for general use. Gateway clones for Laboratory data acquisition.
- 3. Local Area Networking:** Will attach to new hubs to provide 10Mb Ethernet connections between buildings.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** Word, Excel, FileMaker Pro, KaleidaGraph or DeltaGraph Professional.

**Materials and Services Department (Cost Center 315)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Charles Robinson	Inventory	3197	2928	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	24	21	19
Gateway	4	13	17

**Software**

<i>Word Processing</i>		<i>Other</i>	
Word	(8)	Hazmat Doc	(1)
KEDIT	(1)	Sideways	(1)
Multimate	(6)	Regscan 49	(1)
WordPerfect 5.1 (Network)	(10)	Report Writer	(1)
Right Writer	(1)	Word Link	(1)
		Genifer	(1)
<i>Communication/Terminal Emulation</i>		Xerox Formbase	(1)
Kermit	(2)	Windows 3.0	(2)
Relay Gold	(12)	Windows 3.1	(11)
Reflection	(7)		
Crosstalk	(1)	<i>Database</i>	
		dBASE III Plus	(7)
<i>Spreadsheet</i>		dBASE IV	(1)
Multiplan	(9)	FoxBase 2.1	(1)
Quattro Pro (Network)	(5)		
<i>Integrated Packages</i>		<i>Graphics</i>	
Excel	(2)	Chart	(2)
<i>Desktop Publishing</i>		<i>Utility</i>	
Xerox Venura 3.0	(1)	Norton Utilities	(1)

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Personal productivity tool utilized such as word processing, database, desktop publishing, and form and database generations.
- 3. Local Area Networking:** Novell 3.11
- 4. Office Automation:** Bar coding
- 5. Standardized Software:** None indicated.

**Mathematics and Computer Science (Cost Center 145)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Gene Rackow	All		7126	rackow@mcs.anl.gov

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	6	6	6
Apple (II, Macintosh)	1	1	1
Sun	58	70	70
Zenith	2	2	2
NeXT	20	20	40
SGI			5
IBM (RS/6000)			8

**Software**

<i>Word Processors/Editing</i>		<i>Graphics</i>	
MacWrite	(1)	MacDraw II	(1)
TeX		MacPaint	(1)
LaTeX		AVS	(5)
<i>Languages/Compilers</i>		<i>Spreadsheet</i>	
C		Multiplan	(1)
C++			
Prolog		<i>Communication/Terminal Emulation</i>	
Fortran		VTerm	(6)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet		
TCP/IP	all machines	all machines

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** None planned.

**3. Local Area Networking:** None planned.

**4. Office Automation:** None planned.

**5. Standardized Software:** None indicated.

**Media Services Department (Cost Center 260)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Lee Wagar	All	5974	5603	b20429@anlvm.ctd.anl.gov

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	20	17	14
Apple (Macintosh)	13	20	22

**Software***Word Processing/Editing*

WordPerfect	(2 Mac, 8 PC)
Word	(13 Mac, 7 PC)

*Spreadsheet*

Quattro Pro	(6 PC)
Excel	(3 Mac)

*Presentation Visuals*

Persuasion	(4 Mac)
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*Database*

DBase III Plus	(11 PC)
FileMaker Pro	(3 Mac)

*Communication/Terminal Emulation*

Kermit	(N/A Mac, PC)
NCSA Telnet	(N/A Mac)

*Equations*

Expressionist	(6 Mac)
MathType	(1 Mac)

*Graphics*

MacDraw II	(3 Mac)
Canvas	(1 Mac)
Freehand	(2 Mac)
Claris CAD	(1 Mac)
DeltaGraph	(2 Mac)
KaleidaGraph	(1 Mac)
Illustrator	(6 Mac)
MacFlow	(2 Mac)

*Desktop Publishing*

PageMaker	(11 Mac)
QuarkXpress	(1 Mac)

*Utility*

MacLink	(1 Mac)
Norton Utilities	(1 PC)
DOS Mounter	(7 Mac)
Disinfectant	(N/A Mac)
XTreePro Gold	(7 PC)
VirusScan	(N/A PC)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet		
TCP/IP Telnet	10	12
XNS (3Com)	20	17
LocalTalk (AppleShare, QuickMail, AlisaTalk)	15	20
Local AppleTalk	15	20

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Acquire divisional Macintosh server.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None indicated.

**Motion Picture Unit (Cost Center 276)**

<b>Primary Contacts</b>				
<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Gail Farmer	IBM	5545	7451	N/A

<b>Personal Computers and Workstations</b>			
<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	2	2	2
Amiga 2000	1	2	2
MacIntosh	2	2	2
Gateway 2000	0	0	0

<b>Software</b>			
<i>Word Processing</i>		<i>Other</i>	
WordPerfect 5.1	(2)	DigiView	(1)
WordPerfect Mac	(1)	Provideo Plus	(1)
Word	(1)	VideoScape	(1)
<i>Database</i>		Sculpt/Animate 3D	(1)
dBASE III Plus	(1)	Aegis Animator	(1)
Filemaker	(1)	Labels Unlimited	(1)
<i>Spreadsheet</i>		Macromind Director	(1)
Lotus 1-2-3	(1)	Authorware	(1)
Excel	(1)	Sundance Systems	



*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Purchase PC's for staff use.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None indicated.

**Office of the Chief Financial Officer (Cost Centers 400, 401, 402, and 403)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Paul Vignola	All	6397	7589	Vignola@anl.gov

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	91	100	3
Gateway 2000 Portable	3	3	3

**Software**

<i>Word Processing/Editing</i>		<i>Graphics</i>	
MS-Word for Windows	(70)	SuperImage	(2)
		MS-Power Point	(1)
<i>Database</i>		<i>Desktop Publishing</i>	
DBase IV	(4)	Byline	(1)
<i>Spreadsheet</i>		<i>Project Management</i>	
Lotus 1-2-3	(3)	MS Project	(1)
Excel	(70)	Electronic Mail	
Quattro 2.0	(2)	CC: Mail	
<i>Operating System/Environments</i>		<i>Languages/Compilers</i>	
MS DOS 5.0	(80)	4GL, Jr.	(5)
MS Windows 3.1	(80)	Metaview	(15)
		MS Visual Basic	(1)
<i>Communication/Terminal Emulation</i>		<i>Utility</i>	
Kermit	(2)	Norton Utilities	(1)
Maxess by 3Com	(1)	Sidekick	(2)
<i>Other</i>			
RODEPC	(6)		
Disc 1099PC	(1)		

### Network Connections

	<i>Existing FY1992</i>	<i>Total FY1993</i>
Local 3Com	80	0
LAN Manager	5	80
Netware	0	20

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** OCF has acquired an HP Unix Computer on which we will study the feasibility of downsizing the Lab's integrated financial system.
- 2. Personal Computing:** Our computer stable now houses approximately 110 computers. The first 20 were 8088 class machines. Three are still in service. The second 20 are 80286 machines and will limp along another year. The rest are 80386's. This year will be for the 486.
- 3. Local Area Networking:** Our migration from 3COM's 3+ share network operating system brought us to a hybrid network incorporating MicroSoft's LAN Manager and Novell's Netware.
- 4. Office Automation:** We have chosen MicroSoft's suite of office automation tools including Word for Windows, Excel, PowerPoint, Project, and Visual Basic.
- 5. Standardized Software:** ANL has Mac's, PC's, NBI's, Unix, and Vax. There exist no ANL software standards.

**Office of the Director (Cost Center 201)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Pat Traub	Strategic Planning Office Office of the Director	3679	4253	PKT AT ANLADM1

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	7	7	7
Gateway 2000	6	11	11

**Software**

<i>Word Processing/Editing</i>		<i>Spreadsheet</i>	
Multimate version 4	(5)	Multiplan	(1)
DBase IV	(3)	Lotus 1-2-3	(3)
Word Perfect	(10)	Quattro	(1)
Powerpoint for Windows	(4)		
Grammatic IV	(3)	<i>Database</i>	
		DBase III Plus	(3)
<i>Desktop Publishing</i>		<i>Languages/Compilers</i>	
Always	(1)	Basic	(4)
Excel	(4)	Windows 386	(1)
<i>Other</i>		<i>Communication/Terminal Emulation</i>	
Flowchart II+	(1)	Kermit	(2)
Sidekick	(1)	Procomm +	(3)
Norton Adv.	(1)		

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Novell	9	11

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** Novell
- 4. Office Automation:** None planned
- 5. Standardized Software:** None indicated.

**Office of Public Affairs (Cost Center 275)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Marilyn Wittkofski	All	5274	5579	WRM AT ANLADM1

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Apple (II, Macintosh)	15	15	20
IBM (PC, AT, XT, PS/2)	1	1	1
Vydec 1800	1	1	1

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
NBI	8	8	8

**Software**

<i>Word Processing/Editing</i>		<i>Graphics</i>	
Microsoft Word	(20)	MacDraw II	(10)
FileMaker	(10)	MacPaint	(10)
HyperCard	(10)		
MultiFinder	(10)	<i>Integrated Packages</i>	
		Excel	(1)
<i>Desktop Publishing</i>		<i>Communication/Terminal Emulation</i>	
PageMaker	(6)	Kermit	(7)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local AppleTalk	1	1

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** Normal upgrade of existing software.

**Physical Research (Cost Center 273)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Ernest VanBerkum	All	6720	3750	B07412 AT ANLVM

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Apple (II, Macintosh)	3	4	4
Gateway 2000	0	1	1

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
NBI	0	0	0

**Software**

<i>Word Processing/Editing</i>		<i>Graphics</i>	
MacWrite	(4)	MacDraw II	(3)
Word	(4)	MacPaint	(3)
		SuperPaint	(2)
		MacDraft	(3)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local AppleTalk	4	4



*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Continue use of PCs for word processing, spreadsheets, graphics, electronic mail, and link to ORPS system.
- 3. Local Area Networking:** Macintosh Apple talk network with Quick Mail.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None identified.

**Plant Facilities and Services--Plant Manager's Office (Cost Center 506)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
John Mitchell	All	N/A	8610	N/A
Susanne Prodehl Forst	All	N/A	2922	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Gateway 2000	2	9	9

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
NBI	5	4	0

**Software**

<i>Word Processing</i>		<i>Spreadsheet</i>	
WordPerfect	(11)	Multiplan	(1)
		MS Excel	(6)
<i>Communication/Terminal Emulation</i>		<i>Database</i>	
Procomm	(3)	DBase III Plus	(1)
Kermit	(3)	DBase IV	(6)
		SuperCalc	(1)
<i>Programming</i>		<i>Project Management</i>	
MS Developers Kit	(1)	MS Project	(2)
<i>Multi-tasking</i>		<i>Desktop Publishing</i>	
Enable	(1)	Venture	(10)

**Software (continued)***Scanning*

Imagin	(1)
Color Lab	(1)

*Operating Systems*

Windows 3.1	(10)
WP Office	(1)

*DOE*

PFMD	(1)
CAS	(1)
Tiger Team Database (ESHQA)	(1)

*Utility*

Calendar Creator	(1)
PC Tools	(1)
Name Disk	(1)
Virucide	(1)

*Graphics/Presentation*

Corel Draw	(1)
Draw Penf	(1)
Powerpoint	(2)
Artline	(1)
Presentation T	(1)
Perform	(2)
PC Point Brush IV	(1)

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Continued expansion of personal computing capabilities is planned for the next year.

**3. Local Area Networking:** Local area network installation in Buildings 201, 4, 810, 827 is planned for next year. Expansion of 214 network is planned for the last half of 1992.

**4. Office Automation:** None planned.

**5. Standardized Software:** A committee to select and standardize software and hardware system for PFS has been formed. John Mitchell is chairperson, x8610. The charter of this committee is to maintain consistent computing activities with the PFS Division.

**Procurement Department (Cost Center 322)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Norman Goetz	All	4517	7028	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM	39	35	35
Apple	1	1	1
Gateway	1	22	22

**Software**

<i>Word Processing/Editing</i>		<i>Graphics</i>	
Word	(41)	SuperChart	(1)
		SuperImage	(1)
<i>Database</i>		<i>Spreadsheet</i>	
DBase III Plus	(3)	Multiplan	(1)
		Spreadsheet	(2)
<i>Communication/Terminal Emulation</i>		<i>Utility</i>	
Reflections	(11)	Windows	(2)
		Excel	(3)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local 3Com	0	0
Novell Netware V.3.11	1	1

### Network Connections

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local 3Com	1	0
Novel Netware v 3.11	0	1

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Personal Productivity tools will be used, such as word processing, database, and spreadsheet to facilitate administrative and managerial functions.

**3. Local Area Networking:** Plan to replace current hardware due to continued hardware failure and to meet the needs of current procurement databases being rewritten/updated. Currently upgrading network operating system from 3Com 3+Share to Novel Netware vV3.11.

**4. Office Automation:** Current local area network houses office productivity application software (databases, word processors) allowing the sharing of peripherals such as hard drives and printers.

**5. Standardized Software:** None indicated.

**Reactor Analysis (Cost Center 116)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Mark Colosia	Inventory		2-9130	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	11	11	11
Apple (II, Macintosh)	1	2	2
Compaq	1	0	0
Microstar	3	0	0
Digital	1	0	0
Gateway	0	10	12
Archie	0	1	1
dtk	0	1	1
Kinetic	0	1	1
LSI	0	1	1
Zenith	0	1	1
Sun	2	18	18
IBM RS6000	0	2	2

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
NBI	0	0	0

**Software on PC's**

<i>Communications/Terminal Emulation</i>		<i>Database</i>	
Crosstalk	(3)	Fox Base +	(1)
Kermit	(6)	Foxpro 2.01	(1)
Laplink	(2)	Paradox	(1)
Lifeline	(8)	Rapid File	(1)
MacLink Plus 5.02	(1)		
NCSA	(1)	<i>Spreadsheet</i>	
PC-NFS	(11)	Lotus 1-2-3	(9)
WIS	(1)	Microsoft Excel	(6)
		Quattro Pro	(6)

*Graphics*

Cricket Graph	(1)
Delta Graph	(1)
Disspla	(1)
DrawPerfect 1.1	(2)
Generic CADD 5.0	(1)
Grapher	(1)
GSI Drivers (DISSPLA 5.00)	(1)
Harvard Graphics	(1)
Jet Plot	(1)
MacDraw II	(2)
Microsoft Mouse and Paintbrush	(2)
Microsoft Powerprint	(1)
PC Plot	(1)
Pixie	(1)
Print-a-Plot	(1)
Scangal 5.0	(1)
Storyboard Plus	(1)
Superimage	(2)
Tech-Graph-Pad	(1)

*Operating System*

DOS	(4)
Dr DOS 6.1	(1)
Microsoft MS-DOS	(8)

*Languages*

Microsoft Basic	(1)
Microsoft Fortran 4.1	(4)
Microsoft Macro Assembler 5.1	(1)
Microsoft Quick Basic	(1)
Microsoft Quick C	(1)
QBasic	(1)
Ryan-McFarland Fortran	(2)
Turbo C 2.0 with Assembler and Debugger	(3)
Turbo Pascal	(1)

*Utility*

Data Physician Plus	(8)
Deqview	(1)
FFM	(1)
Filemaker	(1)
Filemaker Pro	(1)
First Class Hypertext	(2)
Framework II	(2)
German Tutor	(1)
Light	(1)
MacroMaker	(1)
Mathematica	(1)
Minitab (licensed to W. Ragland through U of C)	(1)
Norton Commander	(1)
Norton Utilities	(16)
PK Zip	(1)
Printmaster	(2)
Q-DOS	(3)
QEMM	(10)
Sideways	(1)
Stat	(1)
StatView II	(1)
Supertext	(1)
Vaccine	(1)

*Word Processing/Editing*

Correct Grammar	(1)
KEDIT	(2)
MacWrite 4.6	(1)
Microsoft Equation Editor	(1)
Microsoft Word 5	(2)
PC Write	(1)
WordPerfect 5.1	(18)
WordStar	(2)

**Software on Workstations***Database*

Oracle	(1)
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*Graphics*

Disspla	(3)
Xfig, tgif, ghostview, ghostscript (x-windows contributed clients)	(14)

*Operating System*

Sun OS 4.1.1	(15)
X-windows, Release 5	(14)
Sun OS 3.5	(1)

*Spreadsheet*

xspread (x-windows contributed client)
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*Languages*

Sun Fortran	(15)
GNU C, C++ (Free Soft- ware Foundation)	(15)
Sun C	(1)
Sun Pascal	(1)

**Software on Workstations (continued)**

<i>Word Processing/Editing</i>		<i>Other</i>
WordPerfect 5.0 (10 floating licenses)		Mathematica
Framemaker (4 floating licenses)		Matlab
GNU emacs (Free Software Foundation)		SAS
	(14)	Data Views

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local AppleTalk	2	2
TOPS	0	0
TCP/IP	30	32

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** Increase memory and disk space on existing work stations.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** Implement AFS client.
- 4. Office Automation:** Add network connections.
- 5. Standardized Software:** None planned.



**Reactor Engineering (Cost Center 112)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Jerry Gaston	Inventory	4780	4563	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	21	23	23
Apple (II, Macintosh)	15	17	19
Compaq	9	9	9
Sun	3	3	7
AST Research	2	2	2
Leading Edge	6	6	6
Standard Brands	32	41	50
Hewlett Packard	1	1	1

**Software***Word Processing/Editing*

Word	(5)
WordPerfect	(28)
WordStar	(2)

*Database*

DBase III Plus	(8)
FoxPro	(3)

*Project Management*

MicroPlanner	(1)
Timeline	(2)

*Utility*

Norton Utilities	(8)
CAD	(1)

*Graphics*

Cricket Graph	(2)
Cricket Draw	(2)

*Spreadsheet*

Lotus 1-2-3	(10)
Quattro Pro	(5)
Excel	(4)

*Languages/Compilers*

Pascal	(8)
Fortran	(4)
Basic	(6)

*CAE/CAD*

MathCad	(1)
Generic CADD	(2)

Network Connections		
	Existing FY1992	Estimated Total FY1993
Lab-wide Ethernet		
TCP/IP	50	60
DECnet	1	1

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

1. **Scientific Work Stations:** None planned.
2. **Personal Computing:** None planned.
3. **Local Area Networking:** None planned.
4. **Office Automation:** None planned.
5. **Standardized Software:** None indicated.

### **Secretarial and Clerical Services (Cost Center 416)**

See Human Resources (Cost Center 410). Secretarial and Clerical Services and Human Resources share the same word processors, personal computers, workstations, and associated software; however, for budget purposes the cost centers are listed individually.

**Security (Cost Center 232)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Rich Ramos	Inventory	6102	5739	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM	12	13	13
AT&T	2	2	2
Mitac	6	6	6
Gateway	2	2	2
Kinspao	1	1	1

**Software**

<i>Word Processing/Editing</i>		<i>Database</i>	
Multimate Advantage II	(11)	DBase IV	(6)
WordPerfect	(14)	DBase III Plus	(1)
		FoxPro	(1)
<i>Spreadsheet</i>		<i>Graphics</i>	
Multiplan	(1)	Harvard Graphics	(3)
<i>Communication</i>		<i>Other</i>	
Relay Gold	(1)	Printbar	(1)
ProCom	(1)	3+ Share	(1)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local 3Com	1	1

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None indicated.

**Special Materials (Cost Center 150)**

<b>Primary Contacts</b>				
<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Teresa A. Lang	Workstations	4084	6774	N/A

<b>Personal Computers and Workstations</b>			
<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	1	1	1
PC Limited	1	1	1
AT&T	1	1	1
AMQ	0	0	0
Transdata	0	0	0

<b>Software</b>			
<i>Word Processing/Editing</i>		<i>Database</i>	
Multimate	(1)	DBase III Plus	(1)
WordPerfect	(3)	DBase IV	(1)
Multimate LAN	(1)		
<i>Utility</i>		<i>Other</i>	
Harvard Graphics	(1)	MS DOS	(6)
Excel	(4)	Star Exchange	(1)
		PC DOS	(1)
		D R DOS	(3)

<b>Network Connections</b>		
	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local 3Com	1	1

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** None indicated.

**Special Projects Office (Cost Center 197)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Debra Petersen	All	N/A	7561	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	24	24	24
Compaq	38	38	38
Zenith	1	1	1
Delta Data	2	2	2
Compaq LTE 286	1	1	1
Apple (MacIntosh)	3	3	3
Compaq LTE 386	0	2	2

**Software***Word Processing/Editing*

WordPerfect	(11)
WordPerfect LAN	(4)
WordPerfect Russian	(2)
Bilingual Solutions	(3)
Microsoft Word	(2)
Grammatik IV	(4)
Word Perfect Works	

*Database*

DBase III Plus	(2)
DBase IV	(12)
DataPerfect	(2)
Clipper	(3)
PC Album	(1)
Q&A	

*Spreadsheet*

Lotus 1-2-3	(10)
Symphony	(2)

*Graphics*

GemDraw	(16)
Other Gem	(16)
DrawPerfect	(4)

*Desktop Publishing*

Ventura	(2)
Pagemaker	(1)

*Project Management*

SuperProject	(4)
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*Communication/Terminal Emulation*

Kermit	(6)
Bitcom	(7)
Carbon Copy	(2)

*CAE/CAD*

AutoCAD	(2)
EasyCAD	(4)



**Software (continued)***Integrated Packages*

Excel	(6)
Framework	(1)
Windows	(2)
TimeLine	(1)

*Utility*

Mace	(4)
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*Other*

Think C	(1)
WP Library	(4)
Harvard Project	(1)

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local 3Com	4	4

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** None planned.
- 3. Local Area Networking:** None planned.
- 4. Office Automation:** SPO plans to automate all Procurement/Finance activities.
- 5. Standardized Software:** Word Perfect.

**Support Services Division (Cost Center 216)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Virginia Biondi	All	7740	6182	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	8	8	9
Compaq	1	1	1
MacIntosh IICX	1	1	1
Gateway 2000 486/33	1	1	2
Toshiba T3200SX	0	1	1

**Word Processors**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
NBI	1	1	0

**Software****Word Processing/Editing**

Word	(8)
WordPerfect	(10)
Mac Word	(1)

**Database**

dBASE III Plus	(6)
dBASE IV	(1)
Foxbase 2.0	(1)
Turbo C ++	(1)
Borland C ++	(1)
Microstep	(1)
Magic PC	(1)
C-Scape Look & Feel	(1)
C Lib for Btrieve	(1)
Btrieve for DOS	(1)
C-Scape	(1)

**Graphics**

Gem Draw	(1)
SuperChart	(1)
SuperImage	(1)
Microsoft Chart	(2)

**Spreadsheet**

Multiplan	(3)
Quattro	(3)
Lotus 1-2-3	(1)
Mac Excel	(1)

**Desktop Publishing**

Ventura	(1)
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**Languages/Compilers**

Clipper	(1)
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**Software (continued)***Communication/Terminal Emulation*

Kermit	(8)
Relay Gold	(1)
Reflections	(2)

*Utility*

Norton Utilities	(1)
PC Tools	(1)

*Other*

ReportWriter	(1)
Genifer	(1)
Company Ladder	(1)
Analyst Gold	(1)
PK Zip	(3)

*Project Management*

TimeLine	(2)
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**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Local 3Com	0	0
Novell Netware V.3.11	1	1

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Continued PC connection to mainframe via remote dial-in (modems); personal productivity tools utilized such as wordprocessing, databases and utilities, and spreadsheets aiding in administrative and managerial functions.

**3. Local Area Networking:** Upgraded existing 3Com 3+Share operating system to Novell Netware V 3.11. Replacement of older hardware as needed (3 server 3 file server).

**4. Office Automation:** Continued office productivity application software utilized (databases, spreadsheets, and word processors) and current existence of a local area network sharing hard drive and printers.

**5. Standardized Software:** None indicated.

### Technical Communications Service Department (Cost Center 265)

#### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax #</i>	<i>Phone</i>	<i>E-Mail Address</i>
John Boebinger	Local Talk Network	7406	6997	b42252@anl.cv2.ctd.anl.gov
Jackie Griffith	PC Network			
Linda Haley	PCs/Macs			
	Word Processing		3795	JJD AT ANLEES1
	Graphics		8820	N/A

#### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PS/2)	5	5	5
Apple (II, MacIntosh)	12	3	20
Apple Portable Mac	2	2	4
Gateway 2000	19	10	35
Portable PCs	3	3	8
NBI PC	3	0	3

#### Word Processors and Network Servers

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY 1993</i>
NBI WP/WS	1	0	1
NBI WP/Server	1	0	1
NBI Unix Server	1	0	1
PC Network Server	0	2	1

#### Software

<i>Word Processing/Editing</i>		<i>Database</i>	
Word Perfect (DOS)	(25)	File Maker Pro	(2)
Word Perfect (Mac)	(5)	Excel	(5)
MS Word (Mac)	(11)	DbaseIII	(1)
MS Word (DOS)	(1)	Data Perfect	(1)
Expressionist	(4)	Plan Perfect	(1)
Macwrite	(1)	Fast Track Sch.	(1)

**Software (continued)***Communications*

Xtalk	(1)
MacLink Plus	(1)
Software Bridge	(3)
White Knight	(1)

*Utilities*

Norton (PC)	(1)	386MAX	(16)
Norton (Mac)	(1)	QEMM	(6)
After Dark	(11)	SuitCase II	(1)
MacroMind Dir	(1)	LifeGuard	(1)
MicroMind Acc.	(1)	Sticky Business	(1)
Sound Clips 1&2	(1)	Timbuktu	(1)
Top Honors	(1)	Thunder 7	(1)

*Graphics*

Cricket Graph	(3)	Power Point	(5)	Legend	(1)
Adobe Collector's	(2)	Adobe Type		Aldus	
Aldus Pagemaker		Manager	(1)	Freehand	(4)
Color	(1)	Canvas	(4)	Super 3D	(1)
Certificate Maker	(1)	Cricket Presents	(1)	DeltaGraph	(4)
Freedom of Press	(2)	Image Studio	(1)	MacDraw II	(2)
MacFlow	(2)	Laser Award Maker	(1)	Map Art-Paint	(2)
MapMaker	(1)	Omni Page	(1)	RetroSpect	(1)
SuperPaint	(1)	Video WorksII	(1)	Draw Perfect	(1)
Visual Business Gra.	(1)	Versa Term Pro	(1)	Adobe Plus Pack	(5)
Adobe Illustrator	(1)	Adobe Streamline	(1)	Adobe Type Libr	(1)
Aldus Pagemaker	(4)	Aldus Persuasion	(4)	The Curator	(1)
Certificate Library	(1)	Clip Art Library	(1)	Dreams	(1)
Graphics PainUI	(1)	Kaleidagraph	(2)	MacAtlas Pro	(1)
MacDraft	(2)	Map Art-Pict	(1)	Map art-EPS	(2)
Math Type	(4)	Pixel Paint Pro	(1)	Video Paint	(1)
Video Work Acc.	(1)	Visual Bus.#5	(1)		

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
Lab-wide Ethernet (TCP/IP)	36	45
Lab-wide Appletalk	18	25

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Continued growth and development of existing applications.
- 3. Local Area Networking:** The network is now Novell-based running CCmail.
- 4. Office Automation:** Both PCs and Macs will coexist, share resources, and have common mail capabilities.
- 5. Standardized Software:** None indicated.

# Technical Information Services Department (Cost Center 161)

## Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Shannon Savage	All	N/A	4221	b27707ti@aim.ctd.anl.gov

## Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	46	41	41
Zenith	2	2	2
Terminals for AIM*	31	39	39
MAC IIc	1	1	1
Gateway	0	23	23

\* Argonne Information Management System

## Software

<i>Word Processing/Editing</i>		<i>Database</i>	
Word	(44)	DBase III Plus	(3)
KEDIT	(3)		
<i>Spreadsheet</i>		<i>Languages/Compilers</i>	
Excel	(9)	MS Cobol	(1)
<i>Communication/Terminal Emulation</i>		<i>Utility</i>	
Procomm +	(24)	Windows	(53)
		Fastback +	(23)

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** Training for Word for Windows.
- 3. Local Area Networking:** Novell Netware LAN for administrative purposes.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** Word for Windows, Windows 3.1, Procomm for Windows, Excel for Windows.



**Travel Office (Cost Center 319)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Lawrence McCure	All	5844	4440	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	2	2	1
Gateway 2000 386/25	0	1	1

**Software**

<i>Word Processing/Editing</i>		<i>Database</i>	
Word	(1)	DBase III Plus	(2)

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:* None planned.
- 2. Personal Computing:* None planned.
- 3. Local Area Networking:* None planned.
- 4. Office Automation:* None planned.
- 5. Standardized Software:* None indicated.

**Utility Systems (Cost Center 510)**

<b>Primary Contacts</b>				
<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Jim Heine	All	N/A	7922	N/A

<b>Personal Computers and Workstations</b>			
<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	1	3	3

<b>Software</b>			
<i>Word Processing</i>		<i>Database</i>	
MS Word	(2)	DBase IV	(3)
WordPerfect	(3)		
RightWriter	(1)	<i>Graphics</i>	
		DrawPerfect	(2)
<i>Operating Systems</i>			
Windows	(3)		

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Continued expansion of personal computing capabilities is planned for the next year.

**3. Local Area Networking:** Local area network installation in Buildings 201, 4, 810, 827 is planned for next year. Expansion of 214 network is planned for the last half of 1992.

**4. Office Automation:** None planned.

**5. Standardized Software:** A committee to select and standardize software and hardware system for PFS has been formed. John Mitchell is chairperson, x8610. The charter of this committee is to maintain consistent computing activities with the PFS Division.

**Vehicle Maintenance (Cost Centers 316, 317, and 503)****Primary Contacts**

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Joanne Jacobson	All	N/A	7092	N/A

**Personal Computers and Workstations**

<i>Manufacturer</i>	<i>Existing FY1991</i>	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
IBM (PC, AT, XT, PS/2)	5	5	5
Gateway 2000	0	1	1

**Software**

<i>Word Processing/Editing</i>		<i>Database</i>	
Word	(1)	DBase III+	(1)
WordPerfect	(2)	<i>Desktop Publishing</i>	
<i>Spreadsheet</i>		MS Publisher	(1)
Lotus 1-2-3	(2)	<i>Utility</i>	
<i>Other</i>		TallGrass Backup	(1)
49 CFR Regscan	(1)	<i>Communication/Terminal Emulation</i>	
<i>Integrated Packages</i>		Procomm	(1)
MS Windows	(5)	Kermit	(1)
MS Works	(1)		

**Network Connections**

	<i>Existing FY1992</i>	<i>Estimated Total FY1993</i>
DecNet	1	1

*Please describe systems and/or applications that you plan to implement during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

**1. Scientific Work Stations:** None planned.

**2. Personal Computing:** Continued expansion of personal computing capabilities is planned for the next year.

**3. Local Area Networking:** Local area network installation in Buildings 201, 4, 810, 827 is planned for next year. Expansion of 214 network is planned for the last half of 1992.

**4. Office Automation:** None planned.

**5. Standardized Software:** A committee to select and standardize software and hardware systems for PFS has been formed. John Mitchell is chairperson, x8610. The charter of this committee is to maintain consistent computing activities with the PFS Division.

## Waste Management Operations (Cost Center 505)

### Primary Contacts

<i>Contact Person</i>	<i>Subject</i>	<i>Fax#</i>	<i>Phone</i>	<i>E-Mail Address</i>
Duane Bradley	All		7307	B15692A AT ANLVM

### Personal Computers and Workstations

<i>Manufacturer</i>	<i>Existing FY1992</i>	<i>Estimated FY1993</i>
AT&T	2	2
Epson	18	18
IBM	1	1
Gateway	2	2

### Software

<i>Spreadsheet</i>		<i>Word Processing</i>	
Multiplan	(5)	Word Perfect	(15)
Lotus	(8)	Microsoft Word	(1)
<i>Graphics</i>		<i>Databases</i>	
Harvard Graphics	(1)	dBASE IV	(10)
<i>Communications/Terminal Emulation</i>		<i>Utilities</i>	
Procomm	(1)	Norton	(1)
Kermit	(1)		

*Planned activities and/or applications to be implemented during the next fiscal year in the areas of (1) scientific work stations, (2) personal computing, (3) local area networking, and (4) office automation. Please also indicate standardized software packages for your division.*

- 1. Scientific Work Stations:** None planned.
- 2. Personal Computing:** NBI equipment replaced by PC word processors.
- 3. Local Area Networking:** Some PC's may be connected to a network.
- 4. Office Automation:** None planned.
- 5. Standardized Software:** WordPerfect is the standardized word processor being used.

**END**

**DATE  
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