



Department of Energy

Argonne Group
9800 South Cass Avenue
Argonne, Illinois 60439

OFFICE OF THE DIRECTOR
ARGONNE NATIONAL LABORATORY

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OCT 28 1999

Modification No. A349
Contract No. W-31-109-ENG-38

Mr. Arthur Sussman
Vice President for
Argonne National Laboratory
The University of Chicago
5801 South Ellis Avenue
Chicago, Illinois 60637

Dear Mr. Sussman:

SUBJECT: CONTRACT W-31-109-ENG-38, FOR OPERATION OF ARGONNE
NATIONAL LABORATORY

As provided in paragraph (a) of Part II, Clause I.79 - DEAR 970.5204-15, OBLIGATION OF FUNDS (APR 1994) (DEVIATION) of Modification No. M345 of the subject contract, the amount obligated hereunder is increased by \$9,434,200.91 to a total of \$10,606,285,215.42.

This modification increases operating funds for the Department of Energy work in the amount of \$4,205,702.53 as detailed in Exhibit I.

Funds for Reimbursable Work for Other Federal Agencies are increased by \$2,704,603.21 as detailed in Exhibit II.

Funds for Reimbursable Work for Non-Federal Entities are increased by \$2,155,447.92 as detailed in Exhibit III.

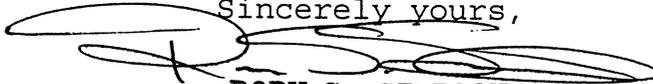
Funds for Use of Third-Party Receipts from Technology Transfer Activities are increased by \$368,447.25 as detailed in Exhibit IV.

Construction funds remain unchanged and therefore there is no exhibit for them.

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This change does not affect the expenditures limitations applicable only to the current year of which the Laboratory is advised separately from contract actions.

Sincerely yours,



RORY S. SIMPSON
CONTRACTING OFFICER, ARG
U.S. DEPARTMENT OF ENERGY

Enclosures:

1. Calculation of Funds
2. Operating Funds, Exhibit I
3. Reimbursable Work for Other Federal Agencies, Exhibit II
4. Reimbursable Work for Non-Federal Entities, Exhibit III
5. Use of Third-Party Receipts from Technology Transfer Activities, Exhibit IV

cc: Yoon I. Chang, Interim Laboratory Director, ANL - w/encls.
J. W. O'Kelley, Chief Financial Officer, ANL - w/encls.
(6 cys)
Rudolph Bouie, Acting Chief Operations Officer, ANL -
w/encls.
James R. LaFevers, Executive Director and Deputy to the Vice
President for ANL - w/encls.
Hugo F. Sonnenschein, President, University of Chicago -
w/encls.
William J. Hogan, Jr., Comptroller, University of Chicago -
w/encls.
Y. Chang, Idaho ANL-W, ATTN: Sharron Janning - w/encls.
M. Bartos, Assistant Chief Financial Officer/Budget
Management, ANL - w/encls. (8 cys)

CALCULATION OF FUNDS
 MODIFICATION NO. A349 TO CONTRACT W-31-109-ENG-38
 FOR OPERATION OF ARGONNE NATIONAL LABORATORY
 (IN DOLLARS)

FY 2000 OPERATING FUNDS:

Approved Funding Program - Operating Expense Authorized Funding:	
Operating Excluding EQU/GPE/GPP/AIP	4,230,702.53
GPE - General Plant Equipment	(25,000.00)
EQU - Capital Equipment	0.00
GPP - General Plant Projects	0.00
AIP - Accelerator Improvement Projects < \$5M	0.00
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TOTAL	4,205,702.53
Reimbursable Work for Other Federal Agencies	2,704,603.21
Reimbursable Work for Non-Federal Entities	2,155,447.92
Use of Third Party Receipts from Technology Transfer Activities	368,447.25
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Total Fiscal Year 2000 Operating Funding	9,434,200.91
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FY 2000 PLANT FUNDS:

Approved Funding Program - Authorized Funding	0.00
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Total Fiscal Year 2000 Plant Funding	0.00
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TOTAL FY 2000 FUNDING 9,434,200.91

Operating, Plant and Capital Equipment Funds Requirements Through Mod A346
 (Mod A346 is the final FY 1999 mod) 704,752,934.19

Total Funds Requirements on and after October 1, 1998 714,187,135.10

Contract Costs through September 30, 1998 (Through Mod A346) 9,892,098,080.32

Total Funds to be Provided 10,606,285,215.42

Funds Provided Through Modification A347 10,596,851,014.51

Funds Added by Modification A349 * 9,434,200.91

* Mod M348 is a non-fund mod.

89X0213.91 (JA)	* FOSSIL ENERGY R&D	
820101	Interoffice Tfrs; To Others	(306.43)
TOTAL	89X0213.91 (JA)	(306.43)

89X0215.91 (HA)	* ENERGY CONSERVATION	
EC0904	Bldg Tech - Equip, Mat'l, Tools	10,000.00
EC1504	BldgTechAssist-CommunityEnrgy	3,300.00
ED1802-CH	Indstrl Sctr-Steel Vision	13,000.00
ED1803	Indstrl Sctr-Aluminum Vision	35,000.00
ED1806	Indstrl Sctr-Chemicals Vision	22,500.00
EE0501	Hybrid Systems R&D	290,000.00
EE0502	Fuel Cell R&D	324,500.00
EE0503	Advanced Combustion EngineR&	124,000.00
EE0505	Electric Vehicle R&D	25,000.00
EE0506	Heavy Vehicle R&D	33,000.00
EE0601	Advanced PetroleumBasedFuels	30,000.00
EE0602	Technical Info Development	25,000.00
EE0701	Propulsion Materials Tech	42,500.00
EE0702	Lightweight Materials Tech	41,500.00
EE0804	Advanced Vehicle Competitions	84,000.00
EE0901	Evaluation, Planning & Analysis	94,000.00
EH20	Asia Pacific Economic Coop	26,500.00
820201	Intraoffice Tfrs to Others	5,000.00
TOTAL	89X0215.91 (HA)	1,228,800.00

89X0222.91 (WA)	* SCIENCE	
KP110101 EQU	Structural Biology	(25,000.00)
KP120201	Atmospheric Science	(252,500.00)
KP120403	Education	(137,500.00)
820101	Interoffice Tfrs to Others	1,728,000.00
820201	Intraoffice Tfrs to Others	10,000.00
TOTAL	89X0222.91 (WA)	1,323,000.00

FY 2000

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8990224.91 (Y9)	* ENERGY SUPPLY		
KK3001111	Internat'l NucSafety-BaseSalaries		(3,000.00)
KK3001206	Internat'l NucSafety-OtherService		3,000.00
TOTAL	8990224.91 (Y9)		0.00

8900224.91 (Y0)	* ENERGY SUPPLY		
AF55	Civilian R&D		200,000.00
AF95	Termination Costs		(18,112,500.00)
AF9510	Termination Costs-EBR II, ANLW		18,091,384.00
EB5001	High Temp. Sprcndctvty R&D		1,000,000.00
820102	Tfrs from Others Interoffice		(1,702,000.00)
TOTAL	8900224.91 (Y0)		(523,116.00)

89X0228.91 (SA)	* DEPARTMENTAL ADMIN.		
WN0207	Resch-ProtectionOfPub.Hlth.&Saf		300,000.00
TOTAL	89X0228.91 (SA)		300,000.00

89X0240.91 (TC)	* WEAPONS ACTIVITIES		
DP040402	Light Wtr Reactor Target Dev.		125,000.00
HC110310	Nuclear Safety Policy & Standard		(30,000.00)
TOTAL	89X0240.91 (TC)		95,000.00

89X0242.91 (TE)	* DEF. ENVIRONMENTAL REST. & WASTE MGMT		
EW4010	CH20-SS10	Tech Develpmnt&Deploymnt	(15,000.00)
EW4040-CH	CH06-PS01	TechDvlpmnt -ProgIntegration	30,000.00
EW409020-CH	CH07-RP13	Risk Policy	20,000.00
820101		Inter Office Tfrs to Others	270,084.96
TOTAL	89X0242.91 (TE)		305,084.96

89X0243.91 (TF)	* OTHER DEFENSE ACTIV.		
CN0404		Counterintelligence Prog. Activ.	49,000.00
GA010102		Immobilization & Associated Proc	(434,750.00)
GA0101022		Immobilization & Associated Proc	434,750.00
IN0106		Intelligence, Special Tech.	12,500.00

IN0107		Intell; Non-ADP Tech Support	47,500.00
820101		Inter Office Tfrs; To Others	120,000.00
TOTAL		89X0243.91 (TF)	229,000.00
89X0244.91 (TH)		* DEF. NUC. WSTE DISP.	
820101		Interoffice Tfrs; To Others	173,240.00
TOTAL		89X0244.91 (TH)	173,240.00
89X0250.91 (YN)		* NON-DEF. ENV. MGMT	
EX02MM12	CH-7601-02	Post 2006; MultiSite-Pkg Cert	1,065,000.00
TOTAL		89X0250.91 (YN)	1,065,000.00
89X0251.91 (TP)		* DEF. CLOSURE FUND	
820201		Transfers to Others	10,000.00
TOTAL		89X0251.91 (TP)	10,000.00
* TOTAL OPERATING			4,205,702.53

OPERATING EXPENSE (OE):

Operating Expense Excluding EQU, GPE, GPP & AIP	4,230,702.53
EQU	(25,000.00)
GPE	0.00
GPP	0.00
AIP	0.00
TOTAL OPERATING EXPENSE (OE)	4,205,702.53

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ARGONNE NATIONAL LABORATORY
FISCAL YEAR 2000
(IN DOLLARS)

EXHIBIT II
MOD 349

B&R Number	ANL Proj #	ANL Acct #	Agency Order Number	* Mod A348 is a non-fund mod.		
				Cum Thru Mod A347	Change Mod A349 *	Cum Thru Mod A349
REIMBURSABLE WORK FOR OTHER FEDERAL AGENCIES - TOTAL				0.00	2,704,603.21	2,704,603.21
40 04	RESEARCH AND DEVELOPMENT			0.00	2,704,603.21	2,704,603.21
40 04 03	DEPARTMENT OF DEFENSE			0.00	736,186.62	736,186.62
40 04 03 109	AIR FORCE			0.00	(46,250.35)	(46,250.35)
	P89150	8C817	MIPR 8816	0.00	(11,716.54)	(11,716.54)
	P89150	8C817	MIPR 8902	0.00	(34,533.81)	(34,533.81)
40 04 03 209	ARMY			0.00	339,718.52	339,718.52
	P97070	8C734	MIPR9HDER40017	0.00	339,805.83	339,805.83
	P94066	8C090	MIPR 94-197	0.00	(80.36)	(80.36)
	P94066	8C090	MIPR 95-283	0.00	(6.95)	(6.95)
40 04 03 809	DEFENSE ADVANCED RESEARCH PROJECT AGENCY			0.00	312,621.36	312,621.36
	P86058	8C224	PR99B1009056	0.00	312,621.36	312,621.36
40 04 03 909	OTHER DEPARTMENT OF DEFENSE			0.00	130,097.09	130,097.09
	P86058	8C383	IACRO #003403	0.00	130,097.09	130,097.09
40 04 08	ENVIRONMENTAL PROTECTION AGENCY			0.00	82,979.69	82,979.69
	P97068	8H519	Order No. DW89937828-01-6	0.00	90,000.00	90,000.00
		8H462	Order No. DW89930604	0.00	(6,348.31)	(6,348.31)
		8H462	Order No. DW89947506		(672.00)	(672.00)
40 08	OTHER - ENERGY-RELATED ACTIVITIES			0.00	16,504.85	16,504.85
40 08 90	OTHER FEDERAL AGENCIES			0.00	16,504.85	16,504.85
	P99110	8N531	Order No. AGR. 99PPW255803	0.00	16,504.85	16,504.85
40 10	REGULATORY SERVICES			0.00	1,868,932.05	1,868,932.05
40 10 01 06	NUCLEAR REGULATORY RESEARCH			0.00	1,868,932.05	1,868,932.05
	PW6487	8M833	Order No. 60-00-008	0.00	1,868,932.05	1,868,932.05

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ARGONNE NATIONAL LABORATORY
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EXHIBIT III
MOD 349

89X0224.92 (2Y)	* ENERGY SUPPLY R&D REIMB. WORK/NON-FED.	
600306	Reimbursable Work for Non-Federal Entities	2,155,447.92
TOTAL	89X0224.92 (2Y)	2,155,447.92
TOTAL OPERATING (NON-FED ENTITIES)		2,155,447.92

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ARGONNE NATIONAL LABORATORY
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EXHIBIT IV
MOD 349

89X0224.95 (1Y)	* ENERGY SUPPLY R&D	
650103	Use of Third-Party Receipts from Tech Tfr Activ, Other	368,447.25
TOTAL	89X0224.95 (1Y)	368,447.25
TOTAL OPERATING (THIRD-PARTY RECEIPTS)		368,447.25
