

March 15, 1999 GDP 99-0051

Mr. Robert C. Pierson Chief, Special Projects Branch Division of Fuel Cycle Safety and Safeguards, NMSS U.S. Nuclear Regulatory Commission Washington, D.C. 20555-0001

Paducah Gaseous Diffusion Plant (PGPP)

Docket No. 70-7001

Monthly Update on Progress of Scismic Upgrades to Buildings C-331 and C-335

Dear Mr. Pierson:

In accordance with USEC's commitments in our April 15, 1998 letter (Reference 1), the purpose of this letter is to provide the monthly update on the progress of the installation of the seismic upgrade modifications to Buildings C-331 and C-335.

Issue 36 of DOE/OR-2026, "Plan for Achieving Compliance With NRC Regulations at the Paducah Gaseous Diffusion Plant" (the Compliance Plan) requires that the modifications to increase the seismic capacity of Buildings C-331 and C-335 be completed by June 30, 1999. However, as identified in our previous monthly status reports (References 2, 3, 4, and 5), USEC has determined that an additional 12 months will be required to complete the seismic upgrades to account for unanticipated construction difficulties and reduced worker productivity due to high temperatures. A Certificate Amendment Request was submitted on January 12, 1999 (Reference 6) to request NRC review and approval of a change in the schedule for completing these upgrades to June 30, 2000.

USEC is continuing to implement productivity improvements. The rate of location completion has steadily risen to average 25 completions (cumulative rate for both buildings) per month. During February, 32 locations were completed. The projected schedule for March shows 42 completions, which is very near the target completion rate of 47 needed by May to meet the proposed June 30, 2000 completion date. The enclosure to this letter provides the progress of installation of the modifications through March 8, 1999.

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Should you have any questions related to this subject, please contact me at (301) 564-3250 or Steve Routh at (301) 564-3251. There are no new commitments contained in this submittal.

Sincerely,

S. A. I.

Steven A. Toelle

Nuclear Regulatory Assurance and Policy Manager

- References: 1. Letter from Steven A. Toelle (USEC) to Robert C. Pierson (NRC), "Schedule for Seismic Upgrades to Buildings C-331 and C-335," Letter No. GDP 98-0082, April 15, 1998.
 - 2. Letter from Steven A. Toelle (USEC) to Mr. Robert C. Pierson (NRC), "Paducab Gaseous Diffusion Plant, Docket No. 70-7001, Monthly Update on Progress of Seismic Upgrades to Buildings C-331 and C-335," Letter No. GDP 98-0217, dated November 16, 1998.
 - 3. Letter from Steven A. Toelle (USEC) to Mr. Robert C. Pierson (NRC), "Paducah Gaseous Diffusion Plant, Docket No. 70-7001, Monthly Update on Progress of Seismic Upgrades to Buildings C-331 and C-335," Letter No. GDP 98-0269, dated December 15, 1998.
 - 4. Letter from Steven A. Toelle (USEC) to Mr. Robert C. Pierson (NRC), "Paducah Gaseous Diffusion Plant, Docket No. 70-7001, Monthly Update on Progress of Seismic Upgrades . Buildings C-331 and C-335," Letter No. GDP 99-0019, dated January 15, 1999.
 - 5. Letter from Steven A. Toelle (USEC) to Mr. Robert C. Pierson (NRC), "Paducah Gaseous Diffusion Plant, Docket No. 70-7001, Monthly Update on Progress of Seismic Upgrades to Buildings C-331 and C-335," Letter No. GDP 99-0037, dated February 16, 1999.
 - 6. Letter from Steven A. Toelle (USEC) to Dr. Carl J. Paperiello (NRC), "Certificate Amendment Request - Buildings C-331 and C-335 Seismic Upgrades," Letter No. GDP 99-0012, dated January 12, 1999.

Enclosure: Schedule for Seismic Upgrades to Buildings C-331 and C-335

cc: NRC Region III Office

NRC Resident Inspector - PGDP NRC Resident Inspector - PORTS Mr. Randall M. DeVault (DOE)

Enclosure to GDP 99-0051

Milestone Schedule for Seismic Upgrades to Buildings C-331 and C-335 Progress Through March 8, 1999

Activity		Activity Description		Early Start	Early Finish	ES	Orig	1998 1998 2000 1999 2000 PAMAMAJASON DARAMAJASON
	CHECRAD	ES C-331/C-335		Start	Lunan		Dur	"AMJJASONDJEMAMJJASONDJEMAMJJASO!
INTERMEDIATE MILESTONE K2RD031 Bldg C-331 Start Cell Floor Relocations			14MAY98A		IM	0	0 *	
K2RD035	Bldg C-335 Sta	rt Cell Floor Relocation	15	14MAY98A		IM	0	
K2RD006	Contractor ready to work (Steel Installation) Bldg C-331 Start Ground Floor Steel Installation Bldg C-335 Start Ground Floor Steel Installation Bldg C-331 Start Ground Floor Relocations		lation)	18MAY98A		IM	0	0 *
K2RD027					IM IM	0	0 *	
K2RD029								
K2RD033								
K2RD037	Bldg C-335 Sta	rt Ground Floor Reloca	itions	17AUG98A		iM	0	0 •
K2RD021	Bldg C-331 Star	rt Cell Floor Steel Insta	illation	15DEC98A		IM	0	0 *
K2RD025	Bldg C-335 Star	rt Cell Floor Steel Insta	Illation	15DEC98A		IM!	0	0 *
PROJEC	T MANAGEN	MENT						
K2RD001 Team assemble (Mgmt & Support Personnei)		01APR98A	20APR98A	MG	20	20 -		
K2RD043	NTP to JSA Gro	ound Floor Steel Fabric	ation	25MAY98A		MG	c	c +
K2RD013	PORC presenta	tions (CAAS, Steel ins	tallation)	12JUN98A	18JUN98A	MG	5	5 .
K2RD016	Schd addt'l resources (Title III, Escorts, etc.)		08DEC98A	12MAR99	MG	5		
K2RD014	Decument & mo	et all regulatory comm	itments	08MAR99	19MAR99	MG	10	0
ENGINE	ERING							
K2RD012	Complete break	room engineering des	sign	03APR98A	140CT98A	EN	10	0
K2RD002	Review JS Albarici Qa Plan & Procedures		ures	13APR98A	12JUN98A	EN	20	
K2RD015	15 Establish QA & QC self assessment plan			14MAY98A	ASSMULEE	EN	10	0
K2RD011	0011 JSA add MTE program to existing QA Plan			02JUN98A	25JUN98A	EN	19	9
K2RD019	19 GF steel shop drawings approval			03AUG58A	14AUG98A	EN	10	0
Project Start Project Finish Data Date Run Date	23JUN00	Early Bar Progress Bar Critical Activity	NR06		LOC	SEIS	MIC UI	Sheat 1 of 2 Prepared by Project & Construction Manager Date Revision Checked Appl UPGRADE PROJECT
© Primavera	Systems, Inc.					In	termed	nediate Milestones

Activity	Activity Description	Early Start	Early Finish	ES	Orig Dur	1988 1999 2000 . AMJJASONDJEMAMJJASONDJEMAMJJASON
K2RD022	Resolve DOE material storage area	04JAN99A	19APR99	EN	30	*
K2RD003	Eng'r raview of constructability wikdwns results	18JAN99A	12MAR99	EN	5	
K2PD9929	Complete Design/CFC		05MAR99A	EN	0	
PROC/F	AB/DELIVERY					
K2RD009	Procurement to contract ground floor relocations	04MAY98A	19JUN98A	PR	15	
K2R/0017	Cell floor steel delivery (JS Alberici)	05MAY98A	25SEP98A	PR	15	
K2RD\45	Ground Floor Fabrication (JS Alberici)	25MAY98A	140CT98A	PR	45	
K2PP9939	Complete Procurement		05MAR99	PR	0	+
K2RD047	Ground Floor Steel Delivery (JS Alberici)		210CT98A	PR	0	
CONSTR	RUCTION					
	Contractor re-mobilization (office,tools,mpwr)	20APR98A	15MAY98A	CN	10	
K2RD008	Training (Contractor) Initial Crew	04MAY98A	08MAY98A	CN	5	,
K2RD010	Cell floor utility relocations (Eict, Mech, I&C)	14MAY98A	08SEP99	CN	160	
K2RD007	JSA and LMUS work pckg's prep (first 11)	22MAY98A	19JUN98A	CN	15	
K2RD023	CFC steel installation drawings	04JUN98A	01MAR99A	CN	8	
K2RD024	Steel Installation C-331, Cell Floor	08JUN98A	01JUN00	CN	502*	
K2RD026	Steel Installation C-335, Cell Floor	30JUN98A	06JUN00	CN	489*	
K2RD020	Grd floor util'ty relocations (Elect, Mech, I&C)	17AUG98A	09DEC99	CN	181	
K200228	Steel Installation C-331, Ground Floor	15DEC98A	15JUN00	CN	379*	
K2RD030	Steel Installation C-335, Ground Floor	15DEC98A	23JUN00	CN	385*	
K2RD039	Contractor Mobilization (Engr Title III)		06JAN99A	CN	10	s
K2RD041	Training, Engr Title III(GET, RAD, Lockout Tag)		13JAN99A	CN	5	3
K2PC9969	Complete Construction/Installation		23JUN00	CN	0	
K2PK9989	Complete Project		23JUN00	CN	0	•