

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

DOCKETED
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CLERK OF COURT
DOCKET & SERVICE
BRANCH

In the Matter of)
)
LOUISIANA POWER & LIGHT COMPANY) Docket No. 50-382
)
(Waterford Steam Electric)
Station, Unit 3))

APPLICANT'S PROPOSED TRANSCRIPT CORRECTIONS

Applicant hereby proposes that the attached changes be made to the transcript of the evidentiary hearings held in the above-captioned proceeding in order to correct material errors, and requests that the Atomic Safety and Licensing Board issue an order directing that the evidentiary record be amended to incorporate said changes.

Respectfully submitted,

SHAW, PITTMAN, POTTS & TROWBRIDGE

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Dated: June 23, 1982

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
481	24	R	Iron
	25	and the bacteria	in the bacteria
484	10	fungulous hetarculitis	<u>Fundulus</u> <u>heteroclitus</u>
490	23	Linkage 23-73	Leakage 2373
497	3	as	has
	4	as	is
499	7	link-	leak-
502	16	times 10	times 10 to the 10th
504	9	Napau	Napot
505	16	Chinchan	Chin Shan
513	23	a specific issue	this specific issue
532	16	System	Center
534	24	Risk Assertion	Research and
536	5	heart and lung associations	Heart and Lung Associations
537	18	Janesport...Sumner	Jamesport...Summer
	22	Green.... power authority	Greene.... Power Authority
542	13	was had	was, had
	15	site.	site?
546	1	Lillian Feld	Lilienfeld
553	22	by	bio-
	25	Stonybrook,... associate	Stony Brook,... Associate
554	1	professor... Stonybrook.	Professor... Stony Brook.
557	16	Cypriana	Cipriani

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
	17	Cypriana	Appleyard
558 <u>et seq.</u>	17	Goffman	Gofman
561	1, 2	international commission on radiological protection	International Commission on Radiological Protection
563	23	in utera	<u>in utero</u>
566	10	Undersecretary	Under-Secretaries
614	2	1527	15 and 12
	5	table has	table that has
619	6	have on the	have of the
639	6	0.1	0.01
646	5	Plot	Blot
654	24	without	throughout
	25	Dow	Doull
659	14	Kuhler	Cuyler
	16	E.N.	Ian
	21	Williamfeld	Lilienfeld
660	4	Ronald Wolf	Arthur Wolff
	23	the Subcommittee	"the subcommittee
661	1	e.g., the use of the surface wa- ter--this is ground water	(e.g., the use of the surface water vs. ground water)
	2	was examined --	were examined
	3	trihalomethane	THM [trihalomethane]
	5	Committee	subcommittee

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
	6	study	studies
	7	exposure which	exposure, which
	10	quantication	quantitation
	12	dose response	dose-response
	13	they	[they
	15	T-H-M ... in	T-H-M] ... and
	17	conclusion	conclusions
662	9	but more	but much more
	10	studies.	studies."
663	4	deaths per ten to the five per year	(deaths per 10 ⁵ per year)
	5	micrograms per liter	(micrograms per liter)
	9-10, 11	ten to the five	10 ⁵
	10	on	from
	19	case	case-
	22	distinguish	distinguished
	24	studies.	studies."
666	17	nonaqua	nonaqueous
691	11	and	at
	16	neither	either
692	19	dose	does
693	11	double helical ... dyasters	double-helical ... di-esters
	12	carimidenes	pyrimidines

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
	13	Anadine ... thymene	Adenine ... thymine
	14	gormine ... thytazene	guanine ... cytosine
	16	dyaster	di-ester
	18	carrimidine	pyrimidine
694	2	enzymes	lesions
699	10	indicated	indicator
	11	bowel	viral
705	16	Beir	BEIR
713	18, 22		delete quotation marks
715	7	rates	rats
718 <u>et seq.</u>	13-14	linear linear	linear-linear
1410 <u>et seq.</u>	20	Dowl	Doll
1465	25	closing	cloning
1506	2	shock	shot
1519	6	Mantuso	Mancuso
1534	8	to be	of
1860	6	Goldman	Rogovin
1917 <u>et seq.</u>	11	tratus cancia	Tradescantia
1948	5, 7, 10	Vial	Wuhl
2173	16	Division	Revision
2174	16	MXJ	Annex J
2177	5	is	as

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
2177	5	and	in a
2178	7	L.P. Moran	L.V. Maurin
2186	13	the	an
	18	planning	Plan
2199	11	EMFO	INPO
2204 <u>et seq.</u>	7	Ganay	Ginna
2232	25	Gaucha	Godchaux
2235	22	CDD-700's	CDV-700's
2244	3	1981	1982
2247	21	is there is	is that of
2248	11	on its borders	near its borders
2252	4	B. M. Porter	B. Jim Porter
	11	who our	who through our
2267	4	L.D.	L.V.
2303	11	evacuated	activated
2322	7	or	for
2330	20	attorney	opportunity
2337	25	60 DB	60 DB,
2365	14	ETA	ETE
2396	22	Mmm-hmmm	Yes
2403	23	--	to
2418	19	years were	years ago were
2433	10	provided	providers

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
2441	7	Social Service Providers	social service providers
2442	1	Social Service	social service
2450	24	service	serve
2464	14		delete "studes"
2465	13	figures?	figures.
2468	11	how	who
2476	14	Death	Deaf
2485	12	is calling	are calling
2486	17	It's around	Total traffic is around
2489	25	assimilation	simulation
2526	22	TWINE:	PERRY:
2530	18	to reflect	the record to reflect
2548	10	1104(a)(14),"	1104.A.14.,
2590	12	MXJ	Annex J
2626	12	one of	from
2636	8	concurring	conferring
	11	concur	confer
2639	23	memorize and	memorize, but
2654	18	exclusionary	exclusion area
2664	11	a protective action	a preventative protective action
2688	9	that	but
2689	20	and	an

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
2693	1	--	and local government,
2714	8	councilmatic	councilmember
2792	6, 7	Cologna	Killona
2795 <u>et seq.</u>	25	Thibodeaux	Thibodaux
2805	20	tonal	tone alert
2841	8	incident	incidence
2846	9	and	and it
2852	12, 17, 20, 22	Mr.	Dr.
2933	1	whatever	what
	6	assure	assume
2938	8	that need	that one needs
2942	8	was a volatile.	contained a volatile substance.
2947	7	probablity	probably
2959	10, 17	invariables	in variables
2979	15	of an	on an
3006	14	or as	are as
3008	17	EPV	OHL (operational hot line)
3010	9	EFC	NOS ofc
3021	10	evidenced from my	evidence of my
	12	involve	involved
3022	7		delete "link. This"
3031	20	cited specifically	site specific

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
3040	19	in EOC, so I've been	in their EOC's, I've been
3050	8	more than the two local agencies in the State	with the two local agencies and the State
3058	25	deactivated	activated
3081	2, 24	AZZARELLO:	MYERS:
	17		delete "Howard Bollinger"
	18	Hal Bollinger	L. Hall Bohlinger
3083	8	physicists	physicist
3114	21	empower	empowered
3146	23		delete "and"
3151	19	give	given
3154	14	too	two
3160	4	Roselyn Yallow	Rosalyn Yalow
	10	Yallow	Yalow
3161	19	were some unreporting	was some underreporting
3169	11	Sequoia	Sequoyah
3182	3	Mr. Hal Bollinger	Dr. Hall Bohlinger
3208	20	squared--four order	cubed three orders
3209	9	Yallow	Yalow
3211	5	Yallow	Yalow
	8-9, 19	endocrine society	Endocrine Society
3213	<u>et seq.</u> 3,14	nobel	noble

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
3218	15	incidents	incidence
3220	16	Mr.	Dr.
3284	2	Panafrancka	Penna Franca
	7	Capital RJ -	RJ,
3294	22	low LDT, whole body...cancer	low-LET, whole- body...cancer-
3295	17	Goffman	Gofman
3296	13	in	is
	14	or scientific	or of scientific
	15	journals realm is a method	journals -- and is the method
3301	6	"Journal of Science"	journal "Science"
	7	"Journal of Health Physics,"	journal "Health Physics,"
3305	2	study	dosimetry
3307	12	Ishobon	Ichiban
	21	on approximately	on the fact that approximately
3315	18	diagnoses	diagnosis
3316	24	in	for
3317	14	homographic	tomographic
	19	be used to	be limited to
	23	maybe	there may be
	25	in	for
3319	21	LiBassi	Libassi

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
	25	is	are:
3320	24	for	with
3324	4	dose response ... prediced	dose-response ... prejudiced
	21	indicated that links	indicator that it links
3325	21	has	have
3327	19	Ray ... H. Ray	Wade ... H. Wade
3332	9	Mankuso	Mancuso
3333	2	Neel	Kneale
3360, <u>et seq.</u>	15	Berkett Sanders	Barkev Sanders
	8	Neel	Kneale
3368	23	details	detail
	25	Institute	Institutes
3373	6	up	it
	24	scientists	scientists,
3379	12	there's	there are
3418	7	Lanset	Lancet
3424	17	show as signifi- cant	show a significant
3427	4	array of signifi- cance tests were	array of signifi- cance tests was
3433	6	workers in the shipyards and they	workers in the shipyards
3436	19	leukenogenic	leukemogenic
3438	4	exposed to a combination	exposed in a combination

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
	15	instance density	incidence density
3443, <u>et seq.</u>	14	Tucker	Otake
		Shaw	Schull
	15	Commission data	Commission--data
	16	effects of children	effects on children
	21	Neel and Shaw	Neel, Otake, and Schull
3445	25	not in city, with the	not in city. With the
3446	2	city parents. The result	city parents, the results
3448	25	myleloma	myeloma
3449	6	Reisland	Reissland
3451	18	looked at it by itself	looked at by itself
3457	2	wonder isn't this	wonder whether this is
3459	4	Research and Effects	Research on Effects
3464	21	factor, that it never	factor that never
		to him some	to him, some
3465	15	condition, for	condition. For
3466	12	there are	there is
	14	tenia-kapitist	tinea capitis
	21	And I think you've gotten in miners	In miners

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
	22	of course. It's	of course, it's
	23	involve	involves
3467	13	conscience	confident
3469	4	understanding-- from the people	understanding is that the people
	5	looks at this-- speak	looks at this speak
	7	occur for reanalysis	occur from reanalysis
3470	24	of it's likely	of its being likely
3475	6		delete "and argue a"
3481	21	report, which the	report. The
	22	recitation	refutation
3510, <u>et seq.</u>	13	tenia capitas	tinea capitis
3515	5	recommends	recommend
3517	20	Decisionmaking	Decision Making
3524	11	Heppleman	Hemplemann
3534	19	was	were
3536	17	they are	their
	18	management	management is
3542	14, 15	C-T	CT
3547	4	Bebbee	Beebe
	8	who have	that has,
3552	9	was	were

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
3553	4	a	in
3554	4	itself	themselves
	7	statistical	statistics
3555	17	relationship in this	relationships in the
3562	22	Dr.	Drs.
3564	23	September 19	September 1981
3565	10	in variant	invariant
3566	10	are	is
3568	7	surrogate ... proportionate	surrogates, ... proportion
	12	A	The
	21	body. Low-LET	body, low-LET
3569	2	a	at
	5	genetic	genetically
	9	Those genetic	Those are genetic
	11	enzyme deficient ... telagiectasi	enzyme-deficient ... telangiectasia
3570	1	mutatio	mutational
	13	(2nd) the	his
	15	in to	into
	20-21	cancers are	cancers, is
3572	17	hereditary	hereditary
3576	8	introduce	produce

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
	10	in	in the
3578	18	process,	process into perspective,
3580	19	data is	data, is what is
3581	8	factors	factors--
	9	physical	physical--
3585	9	worked	work
	11	Licenکو-ism	Lysenkoism
	17	Licenکو	Lysenko
	18	adhere to a	yield to
	19	time the	time, Russian
	20	where	which assumed
3586	20	Maelian Laboratory	mammalian laboratory
3590	25	within National	within a National
3591	19	review.	review."
3593	11	effect of	effect or
3646	1	Clare	Claire
	2	Shillenbarger	Shallenbarger
	3	rats	female rats
	4	in	of
3647	14	effects,	effects and
	20	on	in
3649	11	Hamm...miners,	Ham...miners, and
3650	13	workers	miners

<u>Page</u>	<u>Line Ref.</u>	<u>Reads</u>	<u>Should Read</u>
	14		delete "worker"
	21	in	of
3651	7	are	is
3653	9	Dahl	Doll
3656	20, 21	in	of
3657	5	mutagen	mutagens.
3658	5	this	it
3659	12, 13	curve, of whether it was high doses or low doses.	curve, whether it is at at a high dose or at a low dose
3660	24	effective	effectiveness
3661	11	near	linear-
3662	3	is	are
3663	4	breast	breast data
	5	There are	In
	24	culosos	culosis
3664	10	defines	define
	19	induction	ingestion
3667	17	anklosing	ankylosing
	24	Level	LET
3724	12, 17	Leader	Lederer
	15		delete 1st "the"
3854	19	Incidence	Incidents
3988	6	as three	S-3.

June 23, 1982

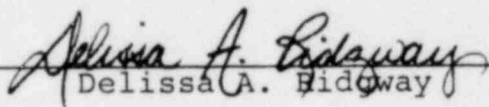
UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)	
)	
LOUISIANA POWER & LIGHT COMPANY)	Docket No. 50-382
)	
(Waterford Steam Electric)	
Station, Unit 3))	

CERTIFICATE OF SERVICE

I hereby certify that copies of "Applicant's Proposed Transcript Corrections" were served upon those persons on the attached Service List by deposit in the United States mail, postage prepaid, this 23rd day of June, 1982.



Delissa A. Bidgway

Dated: June 23, 1982

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

Before the Atomic Safety and Licensing Board

In the Matter of)

LOUISIANA POWER & LIGHT COMPANY)

) Docket No. 50-382

(Waterford Steam Electric)
Station, Unit 3))

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