Waters	online Piline	Commons		40.44			
1. Owner Metro:	politan Edison rville Pike*****	Company	eronomico de la companione de la compani	Date 12-17-9	1		
	ennsylvania dile Islandenu			Sheet1	pt		-
		crear		0.004			
2. Plant General	Name		THE STATE OF THE S	BA 412571	-	DDW 0037	
0+ 441 64	with Middleham				A	DRF 0879	
VET 441 90	outh Middletow	n, rennsyl	vania	WA 37571A1	ADJANIAN A	T1-MM-41	2571=1
	The second secon						810
3. Work Performed t	ow GPU Nuclear	Name	Charles and the same	Type Code Symbo		NA	
	SHOE LERY:			Authorization No.		Triple Consideration	-
Parsippany	Address			Expiration Date	NA.	-	_
	Vene en en el	Panduston					
A Identification of a	System Emergenc	Y reedwate	K.		in a series		
E Jul American Wo	ANS	T 831 1	67	MA		41-414	
	instruction Cods ANS			NA PAI	kadenae _	N-416 1th addenda	Corte Cas
(b) Applicable 60	Ction of Section XI Util	ized 10. Hepairs	or Meplecemen				thru
					mer 75		
5. Identification of C	Components Repaired a	Replaced and R	leplacement Co	imponents			
		-					-
							ASME
							Code
			National			Repaired.	Stamped
Name of	Name of	Manufacturer	Board	Other	Year	Replaced.	(Y45
Component	Menufacturer	Serial No.	No.	Identification	Built	or Replacement	or No
	Peerless	-		-		Repaired/	-
6" Venturi	Nuclear Corp	NA	NA	FE 779/788	NA	Replaced	NO
	Peerless	1111	-	ER 1131100	NA	Repaired/	30
6" Venturi	Nuclear Corp	NA	NA	FE 782/791	STA	Section 1997 Control of the Control	5175
1011000	HOUSE GOLD	- 110	147	10 106/191	NA	Replaced	NO
					-	-	
-	-						
					-		
7. Description of Wo	*Replace exist	ting E "g	ency Feed	water System	Annub	ars	
. Tests Conducted:	Hydrostetic Pre	umetic No	minal Operation	g Pressure X			
	Other Pressure 8	60 PSIG pai	Test Temp.	NA *F			
	Hydrcetetic Pressure 8	779/788,	900 PSIG	- FE 782/793			
	ental sheets in form of					6 in. x 11 in., (2)	nforma-
The state of the s	rough 6 on this report						
recorded at the to	p of this form.						

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE TEDRIT/
We certify that the statemy	ents made in the report are correct and this TEDIACEMENT conforms to the rules of the
ASME Code, Section X1.	repair or replacement
Type Code Symbol StampNA	
	NA NA
Certificate of Authorization No.	NA Expiration Date NA Manager.
DP	NDE/ISI Services Date FEB. // 19 92
Signed Owner or Owner's Designer	
	CERTIFICATE OF INSERVICE INSPECTION
the understanded holding a valid on	immission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat
	and employed by Hartford Steam Boiler ISI Co.
Hartford, Conn.	have inspected the components describe
in this Owner's Report during the p	period 04-04-90 to 01-10-92 and state thi
	silef, the Owner has performed examinations and taken corrective measures described in th
	he requirements of the ASME Code, Section XI,
Owner's Report in accordance with the	
	the Inspector nor his employer makes any warranty, expressed or implied, concerning the
By signing this certificate neither	
By signing this certificate neither examinations and corrective measur	se described in this Owner's Report, Furthermore, neither the inspector nor his employe
By signing this certificate neither examinations and corrective measur	se described in this Owner's Report, Furthermore, neither the inspector nor his employe
By signing this certificate neither examinations and corrective measur shall be liable in any manner for any	res described in this Owner's Report. Furthermore, neither the inspector nor his employs y personal injury or property damage or a loss of any kind arising from or connected with th
By signing this certificate neither examinations and corrective measur shall be liable in any manner for any inspection.	rethe Inspector nor his employer makes any warranty, expressed or implied, concerning the described in this Owner's Report, Furthermore, neither the inspector nor his employs a personal injury or property damage or a loss of any kind arising from or connected with the Commissions PA-1887 NG 5478 (I)
By signing this certificate neither examinations and corrective measur shall be liable in any manner for any	se described in this Owner's Report, Furthermore, neither the inspector nor his employe
By signing this certificate neither examinations and corrective measur shall be liable in any manner for any inspection.	res described in this Owner's Report. Furthermore, neither the inspector nor his employs y personal injury or property damage or a loss of any kind arising from or connected with th

(12/82)

	politan Edison	Company		Date 12-17-91			
	ville Pikguame						
	ennsylvania Mile Address		alan kalibria.	Sheetof	1_		
	Nuclear Gener	ating Stat	ion	unit_1			
Rt. 441 So	uth Middletown	. Pennsylv	ania	J.O.#28485,	CMR/	90-117	610
Work Performed b	ace Pkwy.	Name .		Type Code Symbol 5 Authorization No. 1	tamp	NR	
Parsippany	, NJ		in the plant of the same	Authorization No. 1 Expiration Date	-13-9	2	
CHANGE OF REAL PROPERTY.	ystem Hydrogen	Recombiles	and the same				
Identification of C	Components Repaired or	Replaced and R	eplacement Co	mponents			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe (Yes or No)
	Rockwell			NPT#			
HR-R-1A	International	313	NA	N020000001-00	NA	Repaired	YES
HR-R-IB	Rockwell International	312	NA	NPT# 20000001-01	NA	Repaired	YES
of Hydroger	rk Replaced the Recombiners	HR-R-1A an	d HR-R-1	B with pipe,	inlet	and outle	

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

	Applicable Man, Suit and Park Barrers in the
	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
We certify that the s	statements made in the report are correct and this repair conforms to the rules of t
ASME Code, Section X1.	repair or replacement
Type Code Symbol Stamp	NR
Certificate of Authorization No	o. 16 Expiration Date 1-13-92
200 1	manager.
Signed Scorel	NDE/ISI Services Date FEB // 19 92
Owner or Owner's De	esignee, Title
THE REAL PROPERTY AND ADDRESS OF THE STREET, SANSAGE AND ADDRESS.	
	CERTIFICATE OF INSERVICE INSPECTION
	5.1kg 5.5kg () 15.1kg (1.1kg) 15.1kg (1.1kg) 15.1kg (1.1kg) 15.1kg (1.1kg) 15.1kg (1.1kg) 15.1kg (1.1kg) 15
, the undersigned, holding a va	alid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S
or Province of Pennsylva	alid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Saniaand employed by Hartford Steam Boiler 181 Co.
Hartford, Conn.	iniaand employed by Hartford Steam Boiler I&I Cohave inspected the components descr
Hartford, Conn.	iniaand employed by Hartford Steam Boiler I&I Cohave inspected the components descr
Hartford, Conn. n this Owner's 's at during	iniaand employed by Hartford Steam Boiler I&I Co.
Hartford, Conn. n this Owner's 's a set during to the best of my knowledge of	and employed by Hartford Steam Boiler 1&I Co. have inspected the components described to the components described to the period 04-04-90 to 01-10-92 and state
Hartford, Conn. In this Owner's 's it during to the best of my knowledge a Dwner's Report in accordance in	and employed by Hartford Steam Boiler 1&I Co. have inspected the components described to 01=10-92, and state and belief, the Owner has performed examinations and taken corrective measures described in with informations of the ASME Code, Section XI.
Hartford, Conn. n this Owner's 's at during to the best of my knowledge and owner's Report in accordance of the signing this certificate in	and employed by Hartford Steam Boiler 1&I Co. have inspected the components described to 01-10-92, and state and belief, the Owner has performed examinations and taken corrective measures described in with in requirements of the ASME Code, Section XI. neither the Inspector nor his employer makes any warranty, expressed or implied, concerning
Hartford, Conn. In this Owner's 'Assert during to the best of my knowledge and Country's Report in accordance of By signing this certificate in examinations and corrective	and employed by Hartford Steam Boiler 1&I Co. have inspected the components described in the period 04-04-90 to 01-10-92, and state and belief, the Owner has performed examinations and taken corrective measures described in with information of the ASME Code, Section XI. neither the Inspector nor his employer makes any warranty, expressed or implied, concerning to the Code of the Code o
Hartford, Conn. In this Owner's 's and during to the best of my knowledge of Dwner's Report in accordance of By signing this certificate of examinations and corrective shall be lieble in any manners.	and employed by Hartford Steam Boiler 1&I Co. have inspected the components described to 01-10-92, and state and belief, the Owner has performed examinations and taken corrective measures described in with in requirements of the ASME Code, Section XI. neither the Inspector nor his employer makes any warranty, expressed or implied, concerning
Hartford, Conn. in this Owner's 's at during to the best of my knowledge and Country Report in accordance of By signing this certificate in examinations and corrective	and employed by Hartford Steam Boiler 1&I Co. have inspected the components described in the period 04-04-90 to 01-10-92, and state and belief, the Owner has performed examinations and taken corrective measures described in with information of the ASME Code, Section XI. neither the Inspector nor his employer makes any warranty, expressed or implied, concerning to the Code of the Code o
Hartford, Conn. In this Owner's 's at during to the best of my knowledge of Owner's Report in accordance of By signing this certificate of examinations and corrective shall be lieble in any manners.	and employed by Hartford Steam Boiler 181 Co. have inspected the components described to 01=10-92, and state and belief, the Owner has performed examinations and taken corrective measures described in with an requirements of the ASME Code, Section XI. neither the Inspector nor his employer makes any warranty, expressed or implied, concerning and accided in this Owner's Report. Furthermore, neither the Inspector nor his employer is sonal injury or property damage or a loss of any kind arising from or connected with
Hartford, Conn. In this Owner's 's at during to the best of my knowledge of Owner's Report in accordance of By signing this certificate of examinations and corrective shall be lieble in any manners.	and employed by Hartford Steam Boiler 1&I Co. have inspected the components described in the period 04-04-90 to 01-10-92, and state and belief, the Owner has performed examinations and taken corrective measures described in with information of the ASME Code, Section XI. neither the Inspector nor his employer makes any warranty, expressed or implied, concerning to the Code of the Code o
Hartford, Conn. In this Owner's 's at during to the best of my knowledge of Owner's Report in accordance of By signing this certificate of examinations and corrective shall be lieble in any manners.	and employed by Hartford Steam Boiler 181 Co. have inspected the components described to 01=10-92 and state and belief, the Owner has performed examinations and taken corrective measures described in with an requirements of the ASME Code, Section XI. neither the Inspector nor his employer makes any warranty, expressed or implied, concerning and accided in this Owner's Report. Furthermore, neither the Inspector nor his employer at its constant of the Inspector nor his employer at its consta
Hartford, Conn. In this Owner's 's at during to the best of my knowledge of Owner's Report in accordance of By signing this certificate of examinations and corrective shall be lieble in any manners.	and employed by Hartford Steam Boiler 181 Co. have inspected the components described to 01=10-92 and state and belief, the Owner has performed examinations and taken corrective measures described in with an requirements of the ASME Code, Section XI. neither the Inspector nor his employer makes any warranty, expressed or implied, concerning and accided in this Owner's Report. Furthermore, neither the Inspector nor his employer at its constant of the Inspector nor his employer at its consta

(12/82)

	wner Metropo	litan Edison	Company		Date 12-17-9	1		
- 2		ille PikeNeme			SCRIF resolving			
F	Reading, Pe	nnsylvania			Sheet1o	1		
	Three N	file Address						
P	am Island	Nuclear Cene	rating Stat	ion '	unit1			
F	Rt. 441 Sou	ith Middletow Address	n, Pennsylv	ania_	J.O. 2375. Repair Orga	2376.	2399 O. No., Job No., 4	rtc.
W	lork Performed by	GPU Nuclear	Name		Type Code Symbol		NA	
	00 Interps		Neme		Authorization No.		_	
100	arsippany,	NJ Address		STATE OF STREET	Expiration Date	NA		
10	tentification of St	stem Main Ste	am					
id	lentification of Co	omponents Repaired	or Replaced and Re	splacement Co	mponents			
			Manufacturer	Netional Board	Other	Year	Repaired,	ASME Code Stamped IYes
	ame of	Name of Manufacturer	Serial No.	No.	Identification	Built	or Replacement	
			Serial No.	No.	Identification	Suit	or Replacement	
			Serial No.	No.	MS-V-29D		Repair/ Replace	
	Valve	Manufacturer	NA	NA	MS-V-29D	1974	Repair/ Replace Repair/	NO NO
2"	npenant	Manufacturer				1974	Repair/ Replace Repair/ Replace	or No)
2"	Valve Valve	Yarway Yarway	NA NA	NA NA	MS-V-29D MS-V-29A	1974 1974	Repair/ Replace Repair/ Replace Repair/	NO NO
2"	Valve	Manufacturer	NA	NA	MS-V-29D	1974 1974	Repair/ Replace Repair/ Replace	NO NO
2"	Valve Valve	Yarway Yarway	NA NA	NA NA	MS-V-29D MS-V-29A	1974 1974	Repair/ Replace Repair/ Replace Repair/	NO NO
	Valve Valve Valve	Yarway Yarway	NA NA NA NA	NA NA	MS-V-29D MS-V-29A MS-V-29C	1974 1974 1974	Repair/ Replace Repair/ Replace Repair/ Replace	NO NO

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required to facilita	Applicable Manufactur	ser's Date Reports to be attached	
Code Case N-416 invo	ked to relieve hyd	iro requirement.	
	CERTIFICATE OF	COMPLIANCE	
We certify that the stater ASME Code, Section X1.	nents made in the report are of		s to the rules of the
Type Code Symbol StampNR			
	16	Expiration Date1=13=92	
Signed Slovill Signed Owner or Owner's Design	Manager, NDE/ISI Jerv	ices Date FEB //	1992
	CERTIFICATE OF IN	SERVICE INSPECTION	
t, the undersigned, holding a valid or or Province of Pennsylvania	ommission issued by the Natio	onal Board of Boiler and Pressure Vessel ins rtford Steam Boiler I&I Co	spectors and the Stat
Hartford, Conn.		have inspected the co	omponents describe
in this Owner's Report during the to the best of my knowledge and Owner's Report in accordance with	belief, the Owner has perform	to 01-10-92 ned examinations and taken corrective meal E-Code, Section XI	, and state the sures described in th
By signing this certificate neith examinations and corrective meas	er the inspector nor his emplures described in this Owner	oyer makes any warranty, expressed or im 's Report. Furthermore, neither the Inspet damage or a loss of any kind arising from o	ctor nor his employ
inspection. Additional inspector's Sign		nissions PA-1887, NB-5478(I) National Board, State, Province,	and Endorsements
Date FEB II	19.92		

	The second secon	er to seeing the end		Date 12-17-91			
	olitan Edisor						
Reading, P	ennsylvania			Sheet 1 of	1		
	ile Address						
Piert Island	Nuclear Gener	rating Stat	ion	Unit 1			
	Name			J.O. 2367, 2	371.	2372, 2377,	, 2380
Rt. 441 So	uth Middleton	wn, Pennsyl	vania	2395, 2 Repair Organi	397,	2400	
							rtc.
Work Performed by	ce Picwy.	Name	-	Type Code Symbol S Authorization No.		<u> </u>	
				Expiration Date NA			-
Parsippany,	Address			CABILETION DELL -1703			
Identification of \$	verem Main Ste	am					
	the second second second second	or Renisced and R.	eplacement Co.	mponents			
Identification of C	omponents repeired						ASME
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Yeer Built	Repaired, Replaced, or Replacement	(Yes
Name of Component	Name of	Menufacturer	National Board	Other		Replaced.	Code Stamped (Yes
Name of Component	Name of	Menufacturer	National Board	Other	Built	Replaced, or Replacement	Code Stamped (Yes
Name of Component	Name of Manufacturer	Menufacturer Serial No.	National Board No.	Other Identification	Built	Replaced. or Replacement Repaired/	Code Stamped (Yes or No)
Name of Component	Name of Manufacturer	Menufacturer Serial No.	National Board No.	Other Identification	Built	Replaced. or Replacement Repaired/	Code Stamped (Yes or No)
Name of	Name of Manufacturer	Menufacturer Serial No.	National Board No.	Other Identification	Built	Replaced. or Replacement Repaired/	Code Stamped (Yes or No)
Name of Component	Name of Manufacturer	Menufacturer Serial No.	National Board No.	Other Identification	Built	Replaced. or Replacement Repaired/	Code Stamped (Yes or No)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9.	Remarks Replaced (8) 600# Hancock valves MS-V-73B, MS-V-60B, MS-V-59B, MS-V-23A
	MS-V-73A, MS-V-60A, MS-V-59A, and MS-V-23B with new 1500# Yarway valves and
	associated piping.
_	CERTIFICATE OF COMPLIANCE TEPAIT/
	We certify that the statements made in the report are correct and this TEDIACOMENT, conforms to the rules of the ASME Code, Section XI.
	Type Code Symbol Stamp NA
	Certificate of Authorization No. NA Expiration Date NA
	Signed Allowill Manager, NDE/ISI Services Date FEB // 1992
-	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam Boiler ISI Co. of
	Hartfrird, Conn. have inspected the components described in this Owner's Report during the period 04-04-90 to 01-10-92 and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the inspector nor his employer makes any werranty, a pressed or implied, concerning the
	examinations and corrective measuras described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property demage or a loss of any kind arising from or connected with this inspection.
	Commissions PA -1887 NB 5478 (I) National Scarc, State, Province, and Endorsements
	DateFEB111992

(12/82)

	olitan Ediso		-	Dete12-17-	91		
Reading, Pe	ille Pike Name			Sheet 1	. 1		
Three M	ile Address		or anything entire man.	OTHER SECURE OF THE	W. married		************
Plant Island	Nuclear Gene	rating Stati	ion	Unit 1			
	th Middletow			BA 418736 WA 31736010		DRF 061297 T1-MM-41871	36-130
Substitution residence disservation of the life.	Address	D.4	\$23.0020 mm	Repair Ory	enization P	O. No., Job No.	#1C.
Work Performed by		Name		Type Code Symbo		A	
Parsippany,				Authorization No. Expiration Date	4.4.4		
	Address			CAPITATION DETERME			
Identification of Sy	stem Leak Ra	te Testing					
(a) Applicable Con	Struction Code ANS	I B31.7 19 f	59 Edition	NA	h ddenda	NΑ	Code Co
	tion of Section XI Ut						
				T. T. android and Mills St. St. St. St.			ALLEN S. A.
Identification of Co	emponents Repaired	or Replaced and Re	eplacement Co	mponents			
-	-	-		-	THE RESERVE	,	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe (Yes or No)
#414	(SEE REMARI	cs)			1970	Repair	NO
#414 Penetration	(SEE REMARI	KS)			1970		NO NO
#414 Penetration #415 Penetration	(SEE REMAR	KS)				Repair	
#414 Penetration #415 Penetration	(SEE REMAR	RS)			1970		NO
#414 Penetration #415 Penetration	(SEE REMAR)	KS)			1970	Repair	NO
Penetration #414 Penetration #415 Penetration #416	(SEE REMAR	KS)			1970	Repair	NO
#414 Penetration #415 Penetration	(SEE REMAR	KS)			1970	Repair	NO
Penetration #415 Penetration #416					1970	Repair	NO
#414 Penetration #415 Penetration	(SEE REMARA				1970	Repair	NO

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. ...

Reactor Building, eliminating existing connecting Leak Rate piping. Also at

Penetrations #415 and #416 the connecting Leak Rate piping outside of containment
was modified by adding 2 sets of flanges at each penetration, thus providing removable flanged spoolpiece at both penetrations.

Type Code Symbol Stamp NA	
Certificate of Authorization No. NA	Expiration Date NA
Signed Alovill Owner or Owner's Designee, Title	Management
Owner or Owner's Designee, Title	
	CERTIFICATE OF INSERVICE INSPECTION
the undersigned, holding a valid commission Province of Pennsylvania and	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by Hartford Steam Boiler T&I Co.
the undersigned, holding a valid commission Province of Pennsylvania and Rantford Conn.	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by Hartford Steam Boiler T&I Co.
the undersigned, holding a valid commission Province of Pennsylvania at Hartford, Conn. In this Owner's Report during the period to the best of my knowledge and belief, the	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by Hartford Steam Boiler T&I Co. have inspected the components described to 04-04-90 to 01-10-92, and state that the Owner has performed examinations and taken corrective measures described in this
the undersigned, holding a valid commission Province of Pennsylvania at Hartford, Conn. In this Owner's Report during the period, to the best of my knowledge and belief, the Owner's Report in accordance with the requirements of the signing this certificate neither the life.	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by Hartford Steam Boiler T&I Co. have inspected the components described to 01-10-92, and state that the Owner has performed examinations and taken corrective measures described in the difference of the ASMZ Code, Section XI. Inspector nor his employer makes any warranty, expressed or implied, concerning the
the undersigned, holding a valid commission Province of Pennsylvania at Hartford, Conn. In this Owner's Report during the period, to the best of my knowledge and belief, the Owner's Report in accordance with the requirements of the signing this certificate neither the life examinations and corrective measures descinal be liable in any manner for any personnal contents.	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by Hartford Steam Boiler T&I Co. have inspected the components described to 04-04-90 to 01-10-92, and state that the Owner has performed examinations and taken corrective measures described in this irrements of the ASMZ Code, Section XI. Inspector nor his employer makes any warranty, expressed or implied, concerning the oribed in this Owner's Report. Furthermore, neither the Inspector nor his employer
the undersigned, holding a valid commission Province of Pennsylvania at Hartford, Conn. In this Owner's Report during the period, to the best of my knowledge and belief, the Owner's Report in accordance with the requirements of the second	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by Hartford Steam Boilet T&I Co. have inspected the components described to 04-04-90 to 01-10-92, and state that the Owner has performed examinations and taken corrective measures described in this