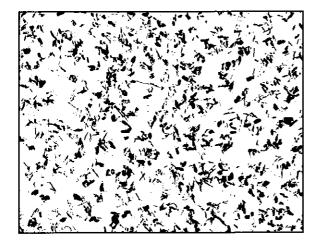


 $1 \, \mu$  m





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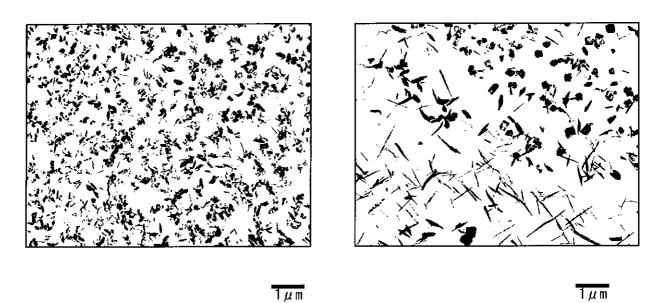
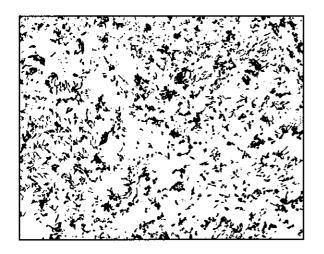
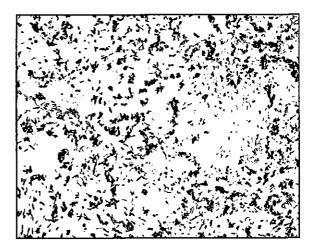
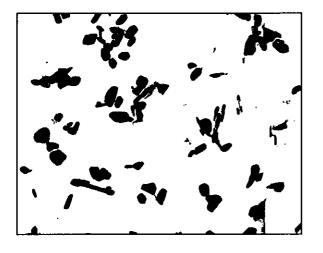


Photo II-7-11 Precipitates by TEM (Transmission electron microscope) observation RH Outlet Header(Circumferential weld at left side: Base metal)

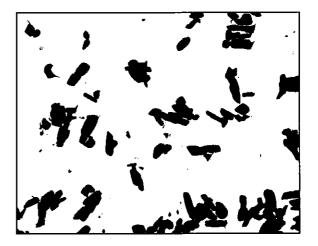








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 $1 \, \mu$  m

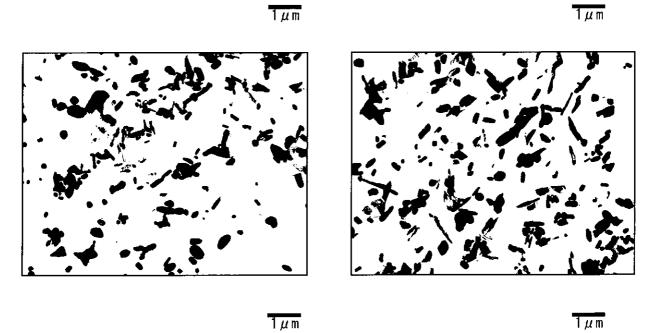
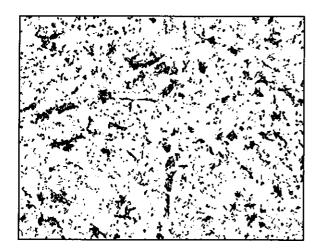
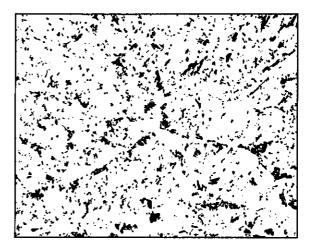


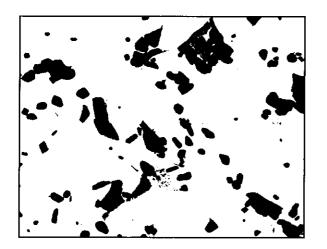
Photo II-7-12 Precipitates by TEM (Transmission electron microscope) observation RH Outlet Header(Circumferential weld at left side : Fine grain HAZ)



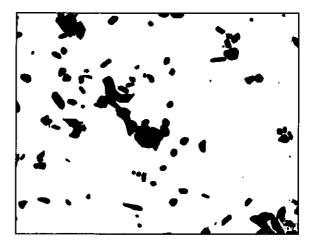


$$5 \,\mu$$
 m





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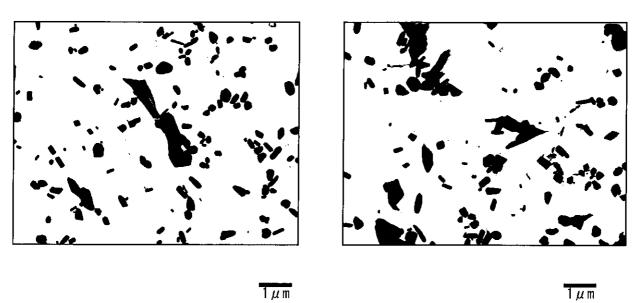
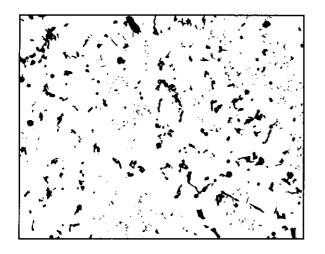
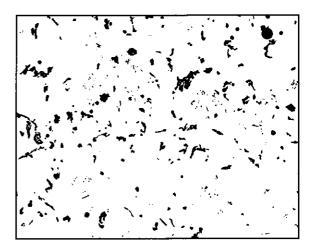


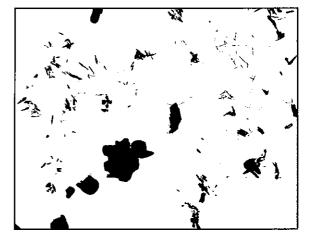
Photo  $\Pi$  -7-13 Precipitates by TEM (Transmission electron microscope) observation RH Outlet Header(Circumferential weld at left side: Coarse grain HAZ)





 $1 \, \mu$  m







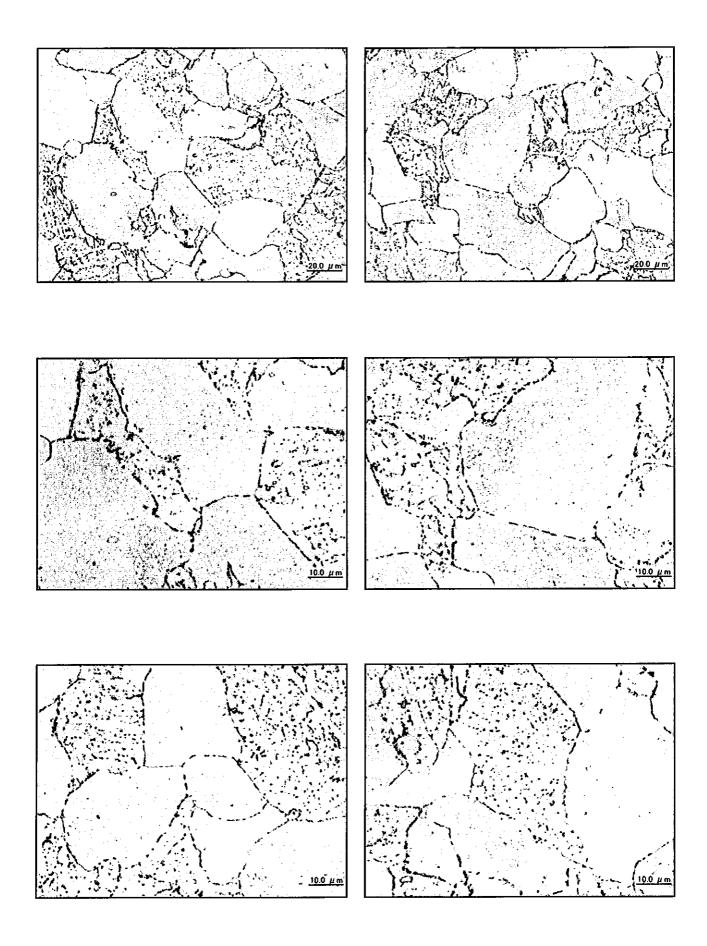
 $5\,\mu\,\mathrm{m}$ 



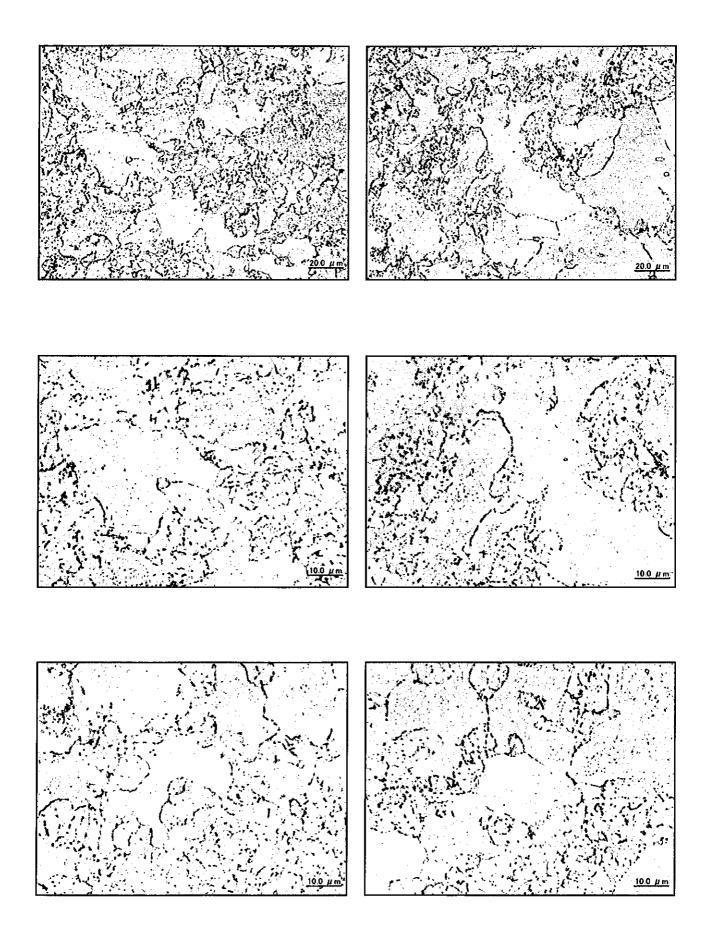
 $1 \, \mu$  m

 $1 \, \mu$  m

Photo  $\Pi$  -7-14 Precipitates by TEM (Transmission electron microscope) observation RH Outlet Header(Circumferential weld at left side : Weld metal)



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 $\label{eq:Photo} \begin{array}{c} Photo\,\Pi\,{-}8{-}2 \quad \mbox{Microstructure observation} \\ \mbox{RH Outlet Header (Circumferential weld at right side, top : Intercritical zone )} \end{array}$ 

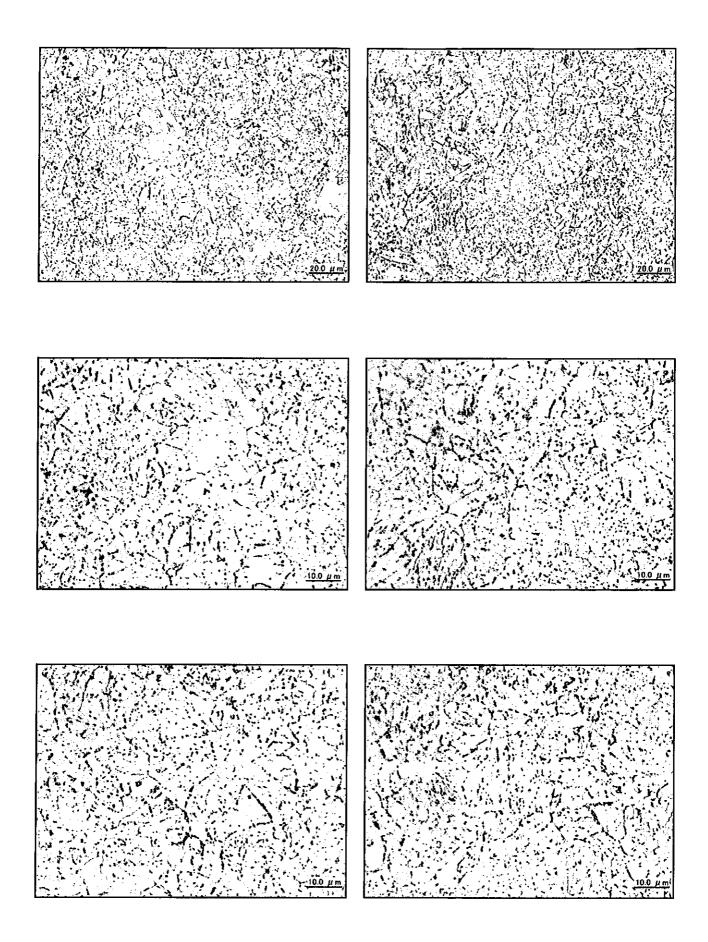
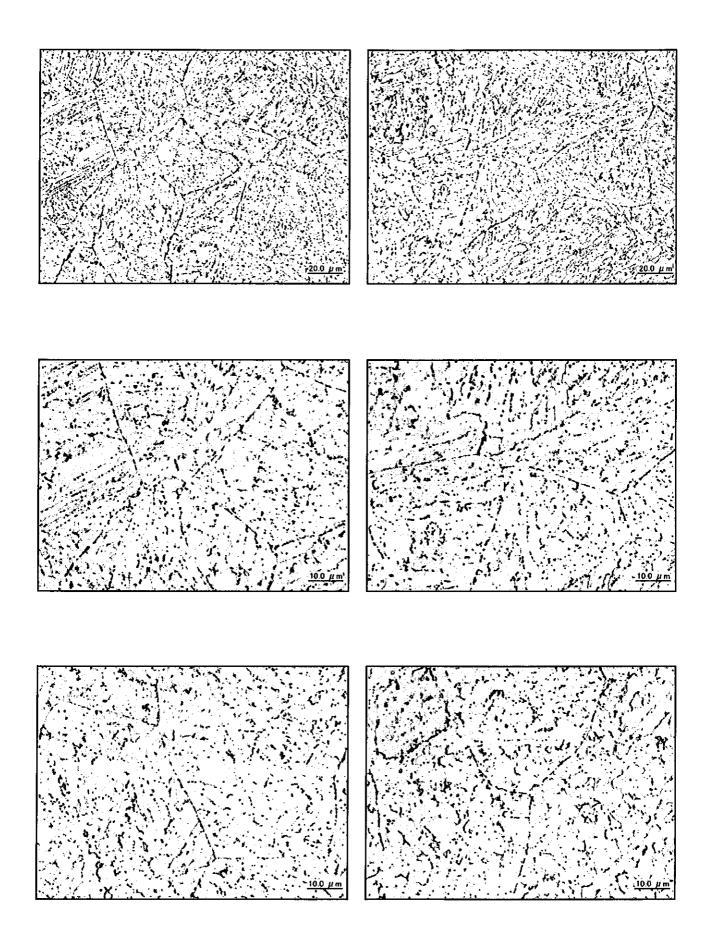
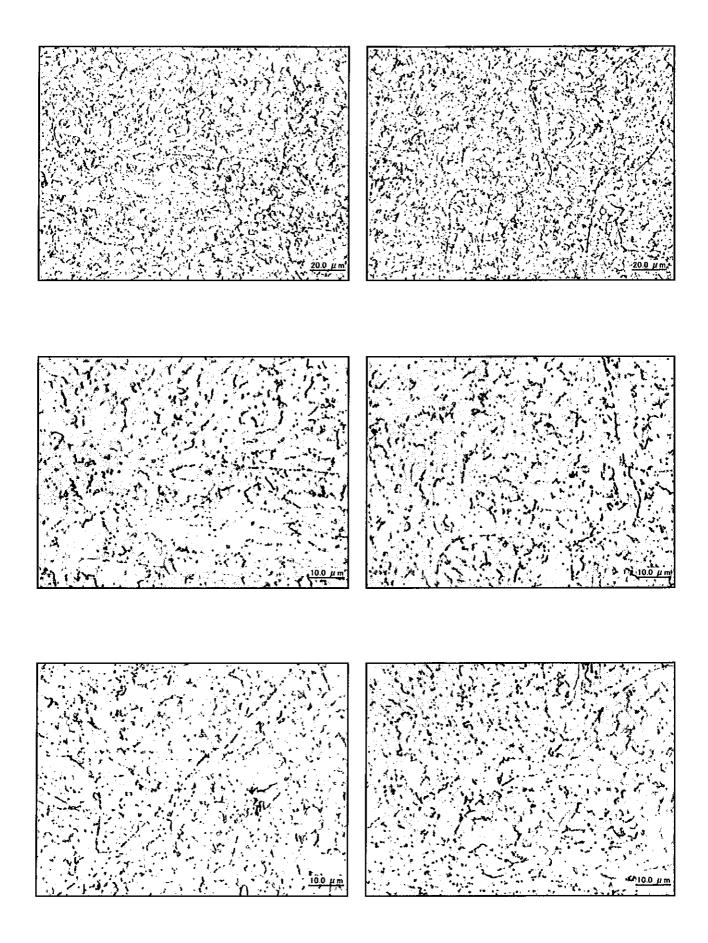


Photo II -8-3 Microstructure observation RH Outlet Header (Circumferential weld at right side, top  $\,$  : Fine grain HAZ )

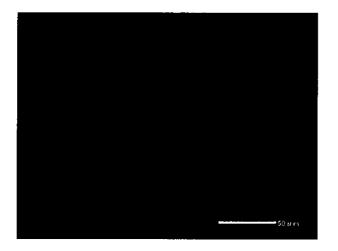


 $\label{eq:Photo} Photo\,II-8-4 \quad \mbox{Microstructure observation} \\ \mbox{RH Outlet Header (Circumferential weld at right side, top : Coarse grain HAZ )}$ 

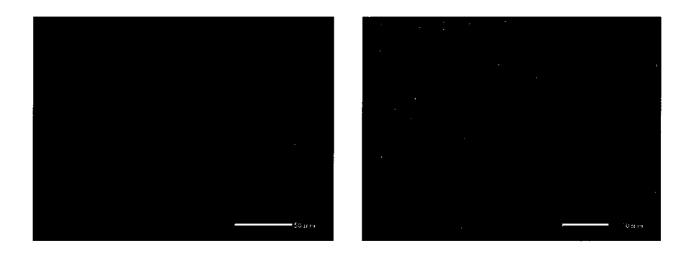


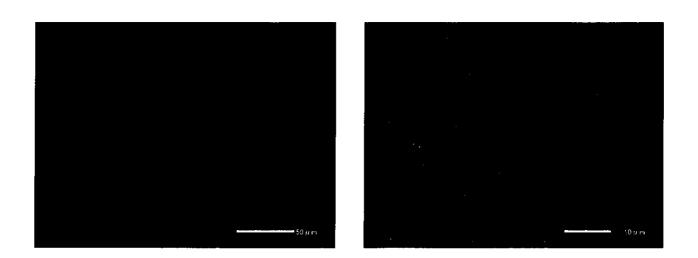
 $\label{eq:PhotoII-8-5} \begin{array}{c} \mbox{Microstructure observation} \\ \mbox{RH Outlet Header (Circumferential weld at right side, top : Weld metal )} \end{array}$ 

Lex



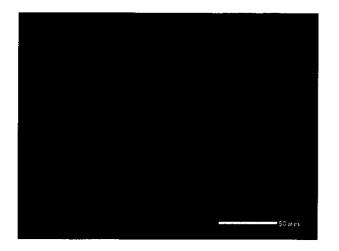


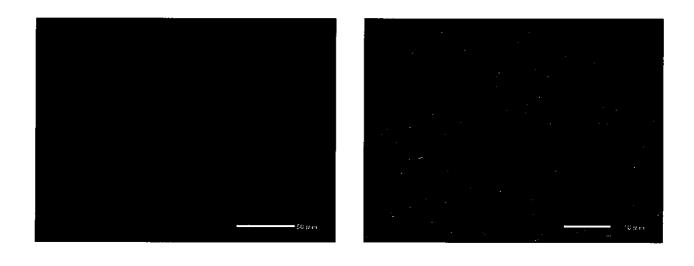


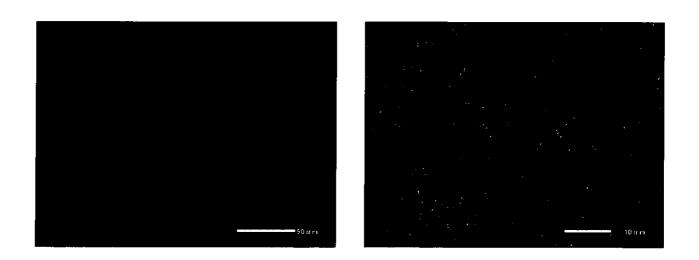


205

PhotoII-8-6 SEM(Scanning electron microscope) observation RH Outlet Header(Circumferential weld at right side,top:Fine grain HAZ)

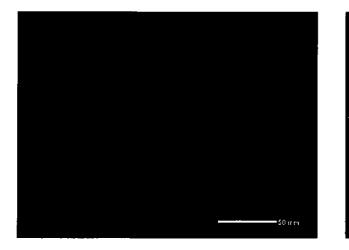


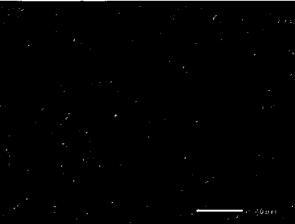


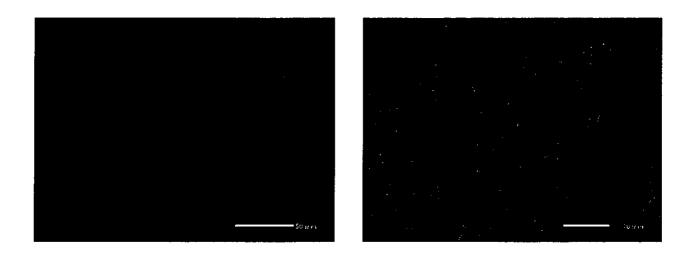


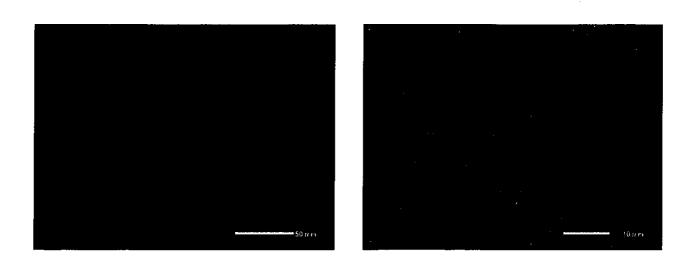
( } )

 $\label{eq:PhotoII-8-7} \begin{array}{l} \text{PhotoII-8-7 SEM}(\text{Scanning electron microscope}) & \text{observation} \\ \text{RH Outlet Header}(\text{Circumferential weld at right side, top}: \text{Coarse grain HAZ}) \end{array}$ 



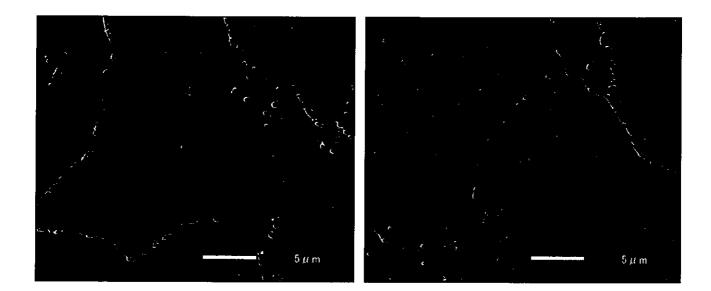


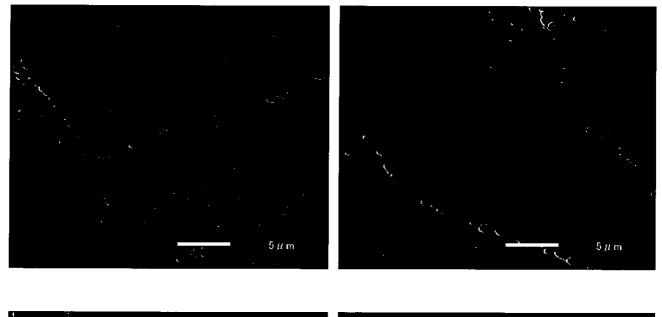




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Photo  $\rm II-8-8$  SEM(Scanning electron microscope) observation RH Outlet Header(Circumferential weld at right side, top : Weld metal)





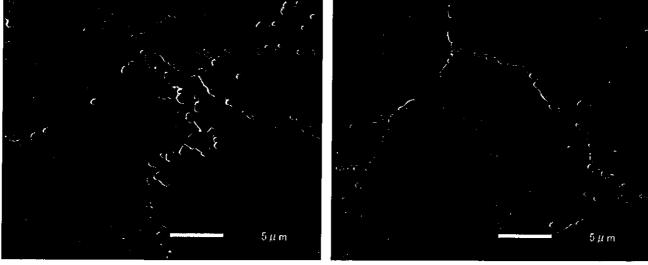


Photo II-8-9 Precipitates along grain boundary by SEM observation RH Outlet Header (Circumferential weld at right side, top : Base metal)

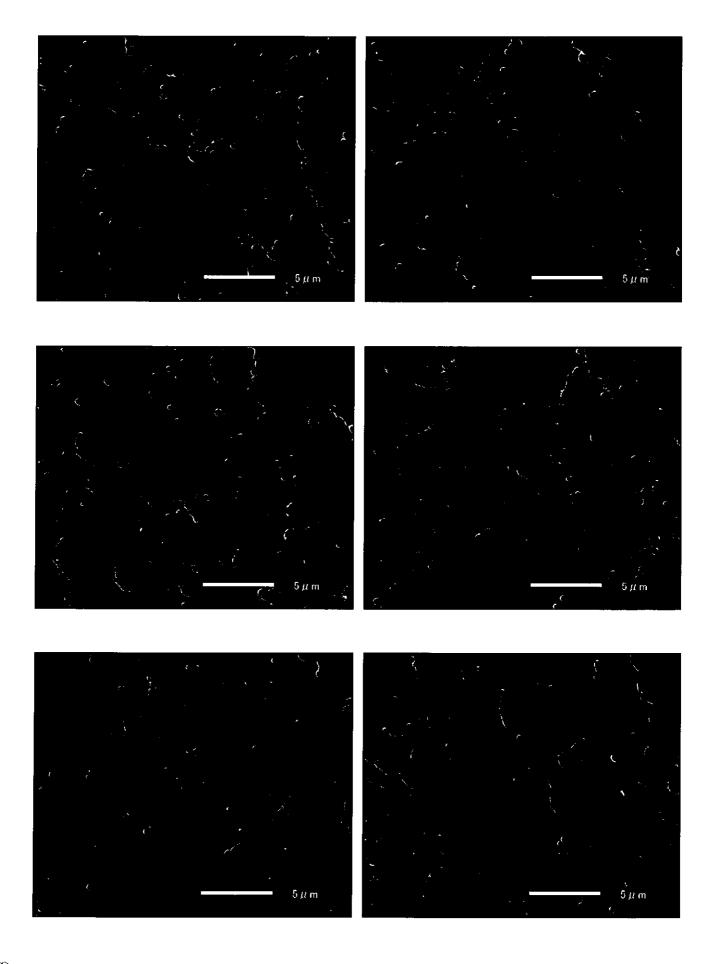
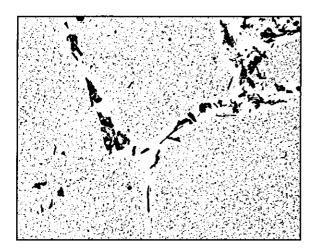
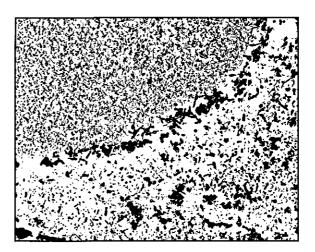
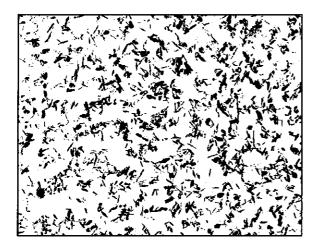


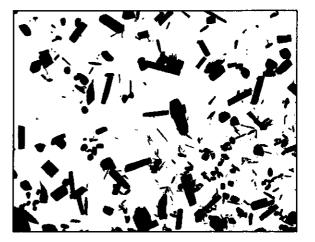
Photo II -8-10 Precipitates along grain boundary by SEM observation RH Outlet Header(Circumferential weld at right side, top : Fine grain HAZ)







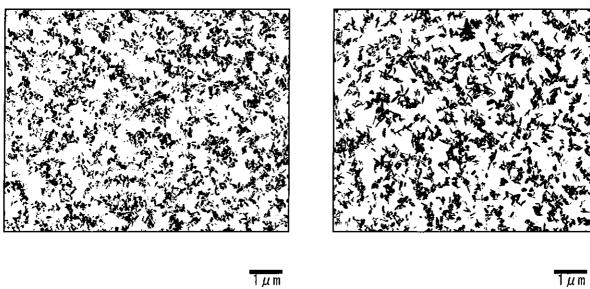
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 $5 \,\mu$  m

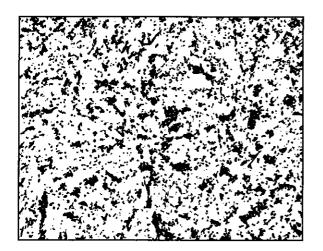
1*µ*m

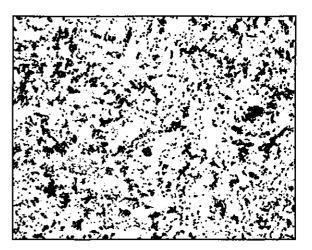
 $1 \, \mu$  m



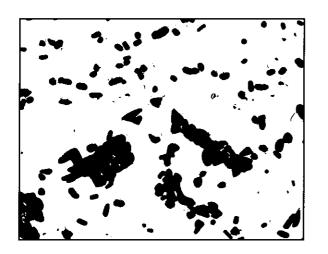
1μm

Photo II -8-11 Precipitates by TEM (Transmission electron microscope) observation RH Outlet Header(Circumferential weld at right side, top : Base metal)

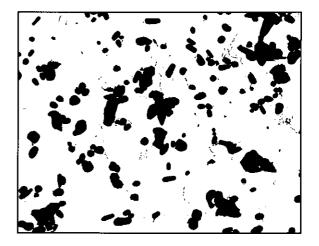




 $5\,\mu\,\mathrm{m}$ 



 $\hat{C}$ 



 $1 \, \mu$  m

5µm

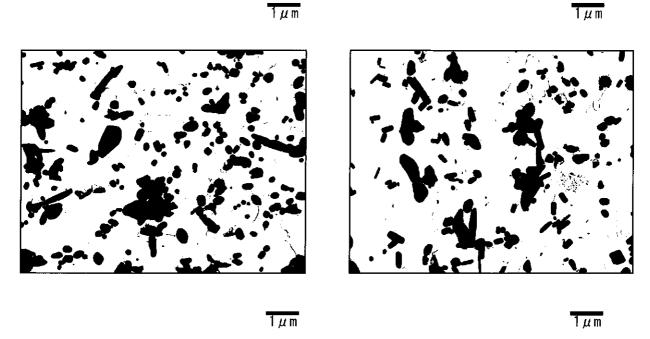
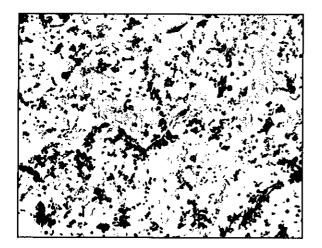
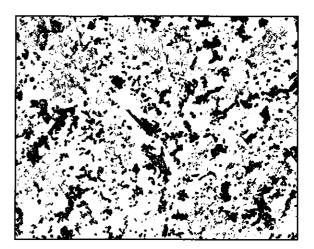


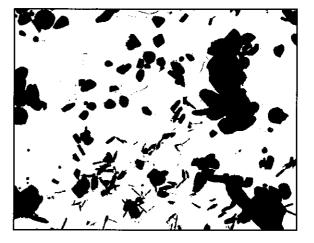
Photo  $\Pi$  -8-12 Precipitates by TEM (Transmission electron microscope) observation RH Outlet Header(Circumferential weld at right side, top : Fine grain HAZ)





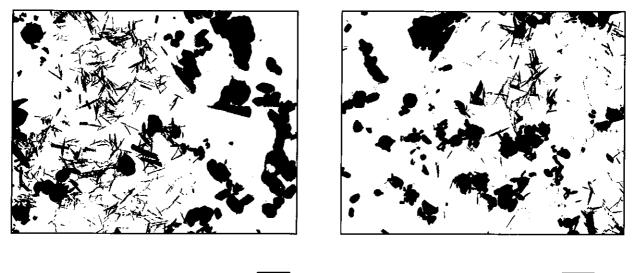


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 $1 \, \mu$  m

 $5 \,\mu$  m



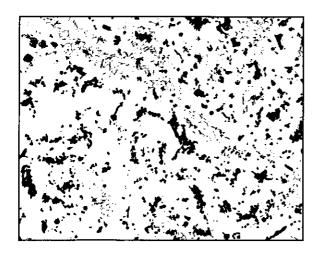
 $5\,\mu$  m

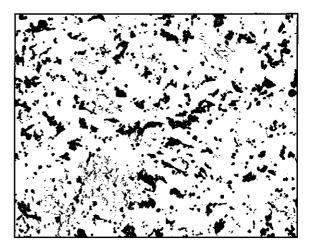
 $1 \,\mu$  m

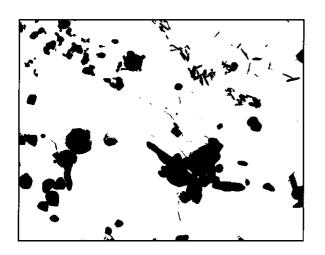
 $1 \,\mu$  m

1*µ* m

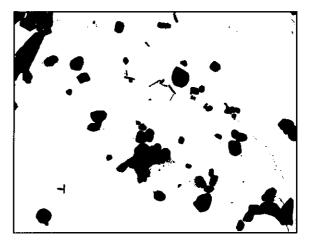
PhotoII-8-13 Precipitates by TEM (Transmission electron microscope) observation RH Outlet Header(Circumferential weld at right side,top:Coarse grain HAZ)







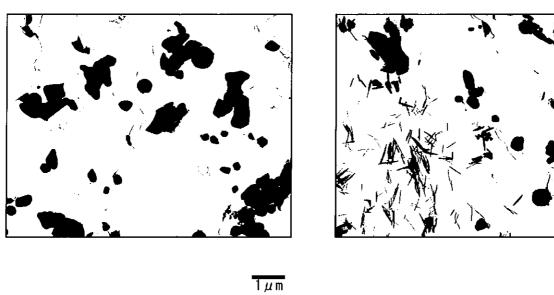
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 $5\,\mu$  m

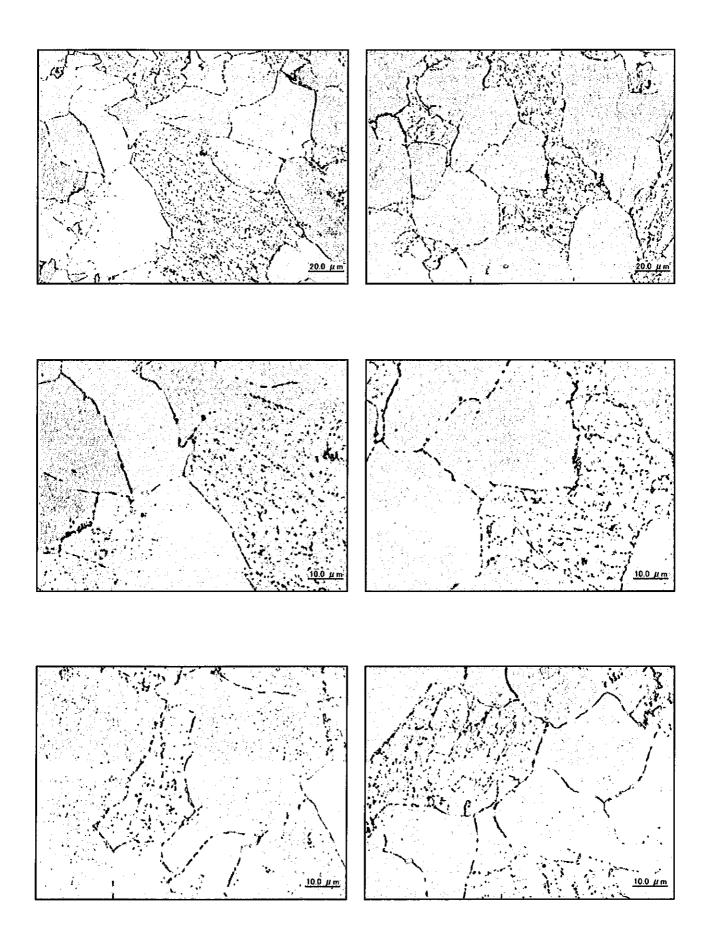


 $1 \, \mu$  m

 $5\,\mu$  m

 $1 \, \mu$  m

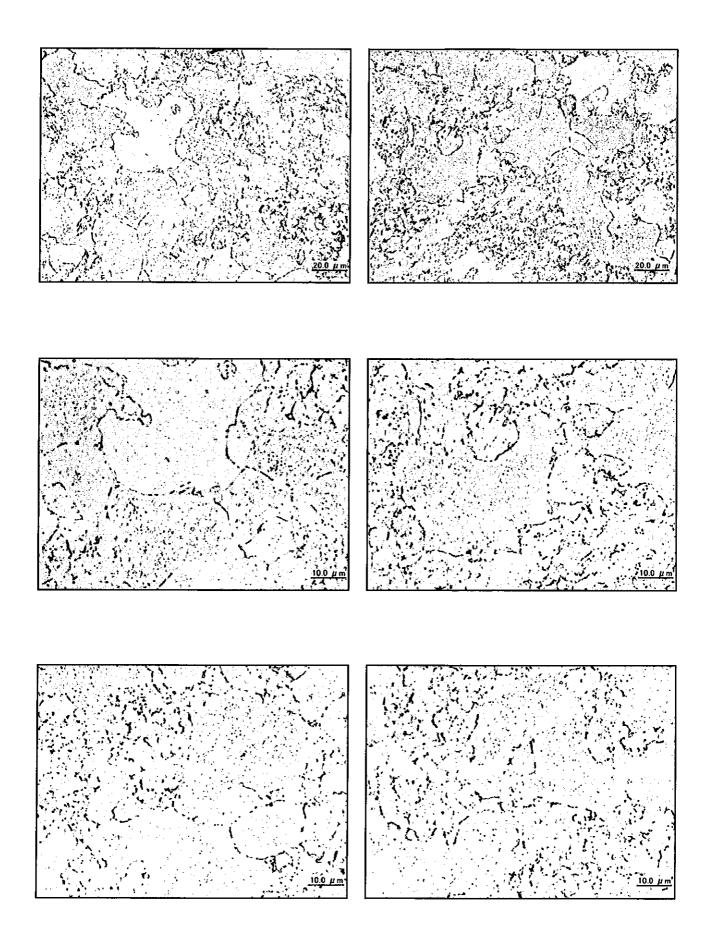
Photo II-8-14 Precipitates by TEM (Transmission electron microscope) observation RH Outlet Header(Circumferential weld at right side, top : Weld metal)



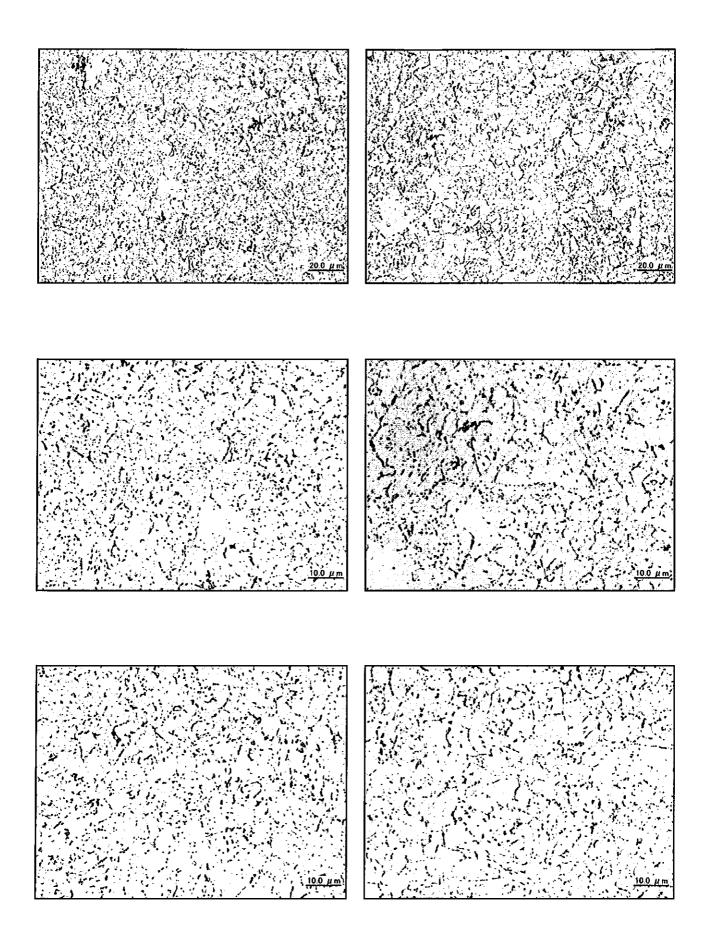
 $\label{eq:PhotoII-9-1} \begin{array}{c} \mbox{Microstructure observation} \\ \mbox{RH Outlet Header (Circumferential weld at right side, front : Base metal )} \end{array}$ 

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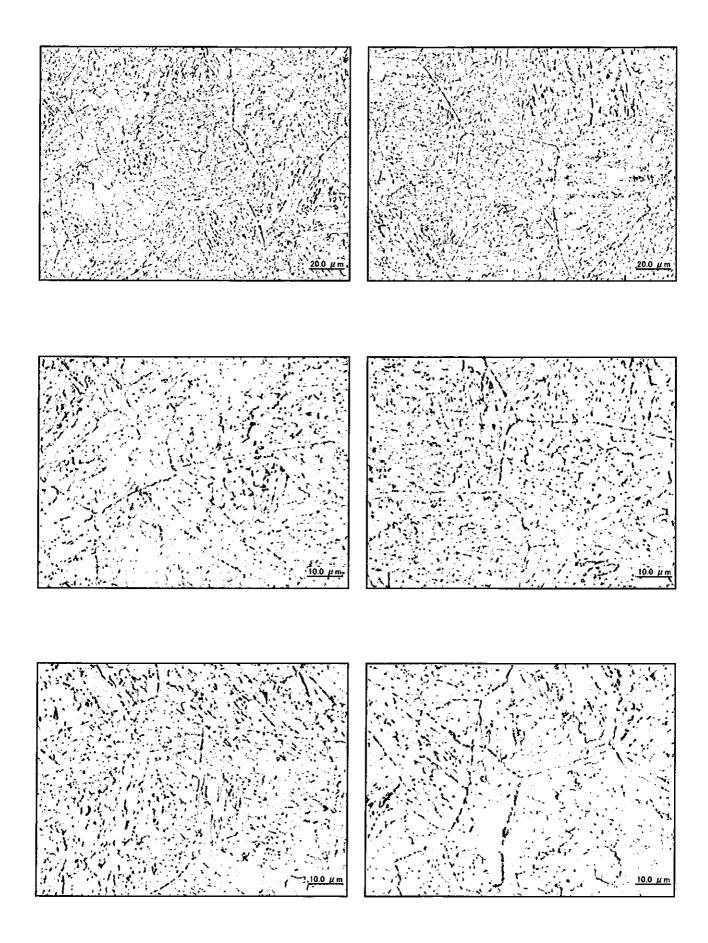
1



 $\label{eq:Photo} \begin{array}{c} $P$hoto\,\Pi-9-2$ & Microstructure observation $$RH Outlet Header (Circumferential weld at right side, front : Intercritical zone ) $$$ 

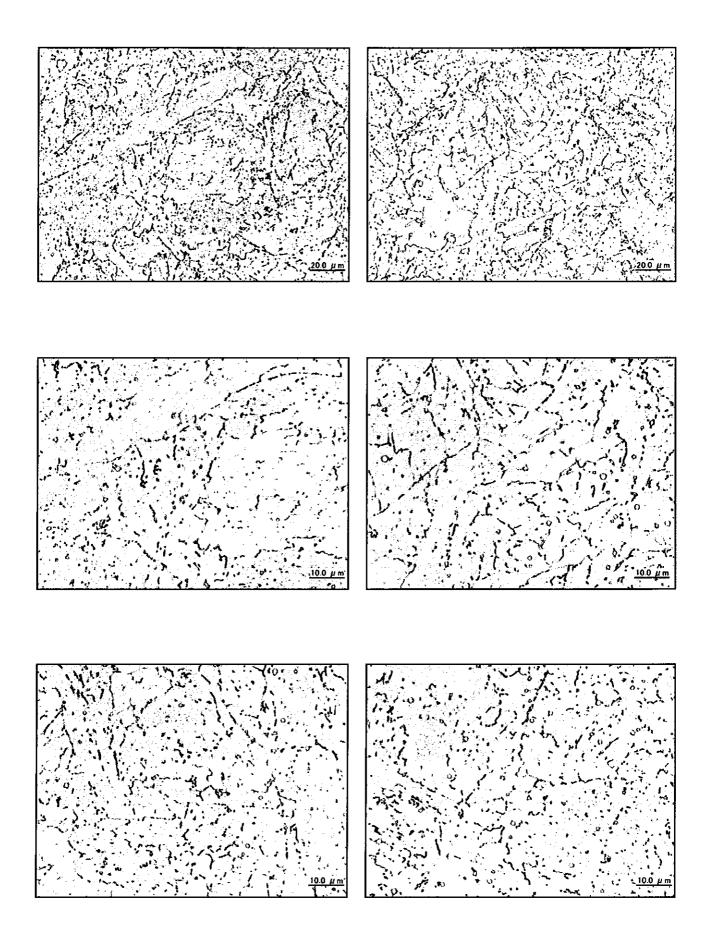


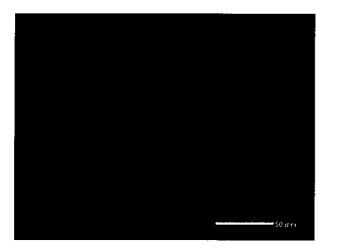
 $\label{eq:PhotoII-9-3}Microstructure\ observation $$ RH\ Outlet\ Header\ (Circumferential\ weld\ at\ right\ side, front\ :Fine\ grain\ HAZ\ ) $$$ 



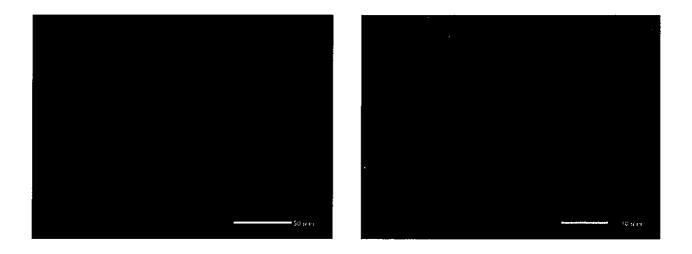
 $\label{eq:Photo} Photo\,\Pi\,{-}9{-}4\quad \mbox{Microstructure observation} $$ RH Outlet Header (Circumferential weld at right side, front : Coarse grain HAZ ) $$$ 

33









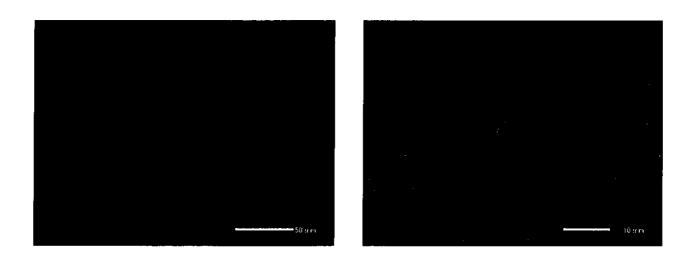
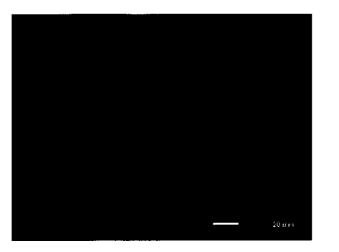
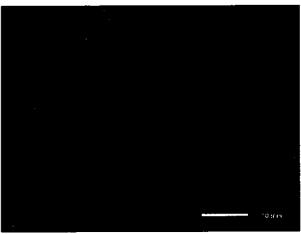
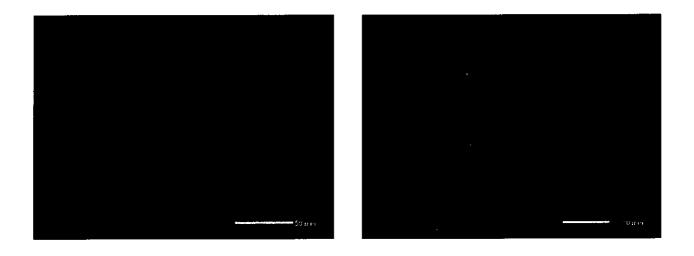


Photo II -9-6 SEM(Scanning electron microscope) observation RH Outlet Header(Circumferential weld at right side, front : Fine grain HAZ)

 $\sum_{i=1}^{n} \sum_{j=1}^{n} (i)$ 







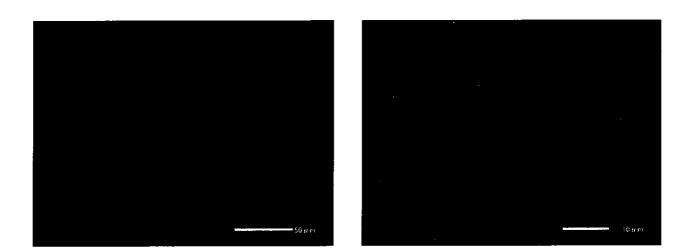
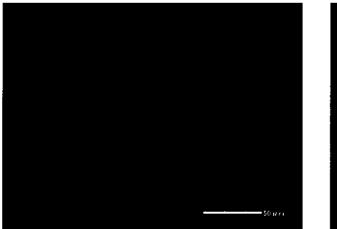
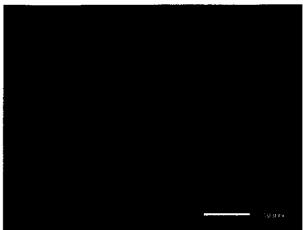
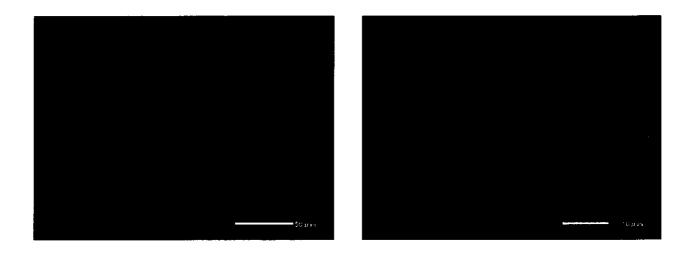


Photo  $\Pi$  -9-7 SEM(Scanning electron microscope) observation RH Outlet Header(Circumferential weld at right side, front : Coarse grain HAZ)

132







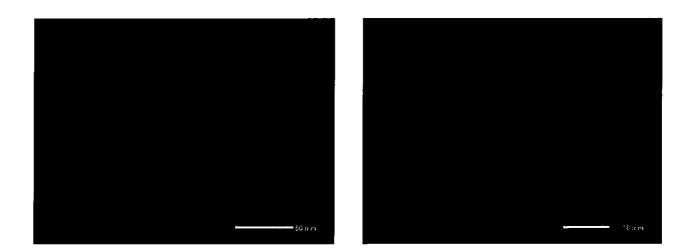
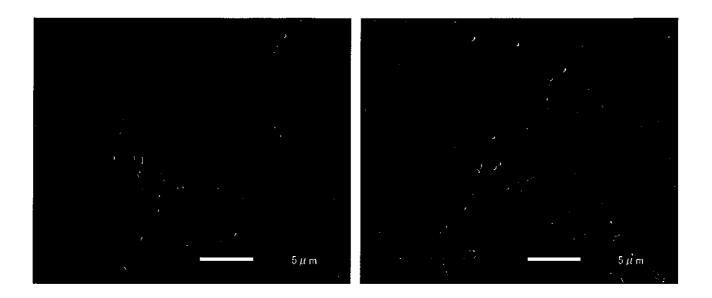
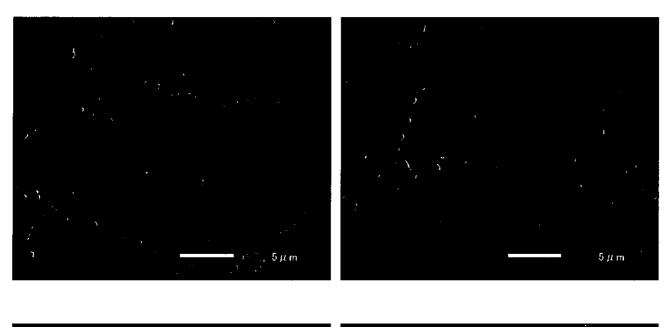
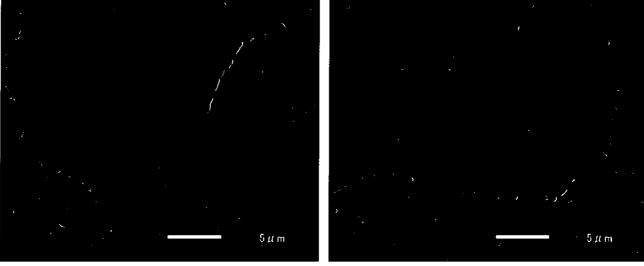


Photo  $\Pi$ -9-8 SEM(Scanning electron microscope) observation RH Outlet Header(Circumferential weld at right side, front : Weld metal)







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Photo II - 9 - 9 Precipitates along grain boundary by SEM observation RH Outlet Header(Circumferential weld at right side, front : Base metal)

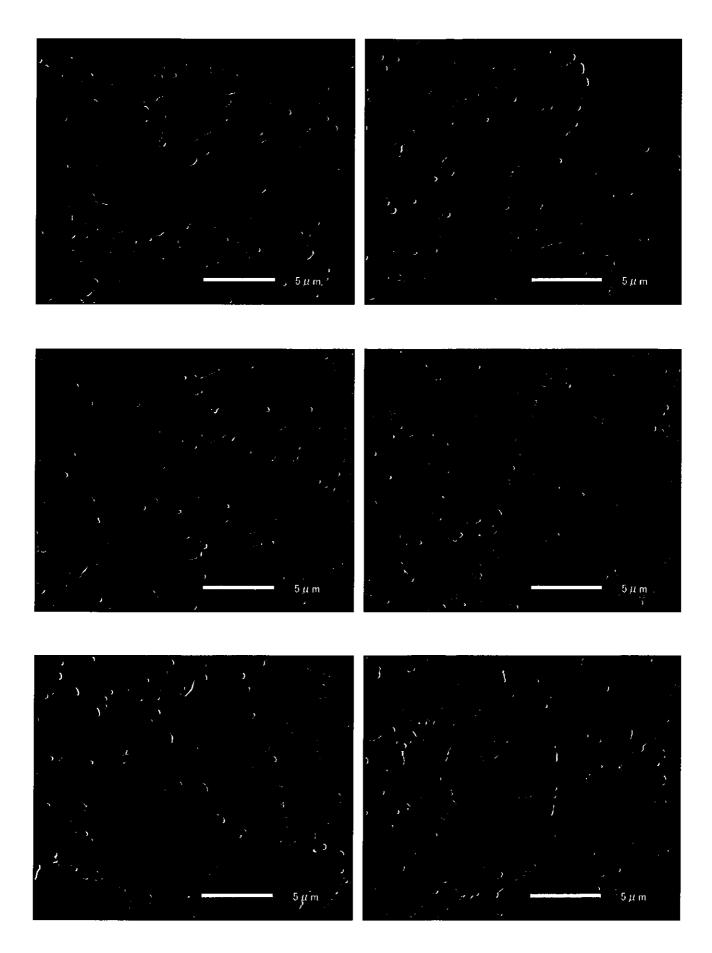
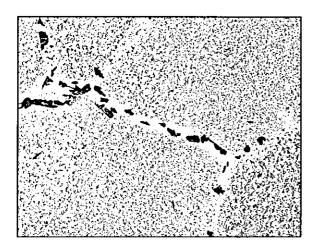
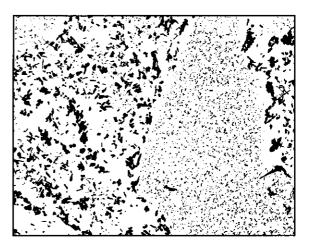
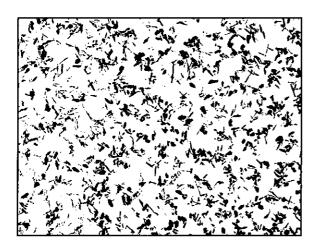


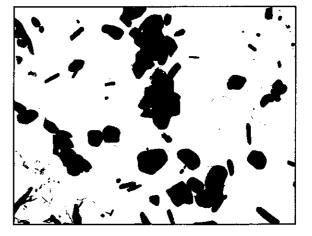
Photo II - 9 - 10 Precipitates along grain boundary by SEM observation RH Outlet Header(Circumferential weld at right side, front : Fine grain HAZ)



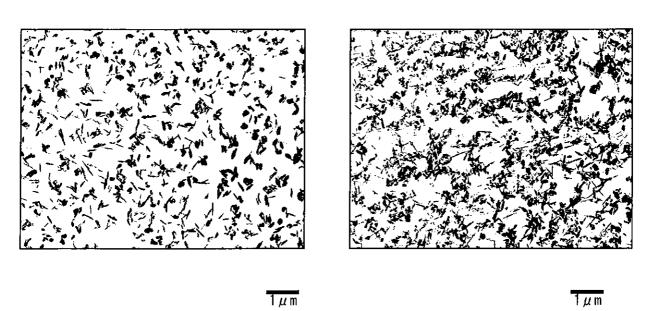




 $\mathcal{R}_{i}$ 



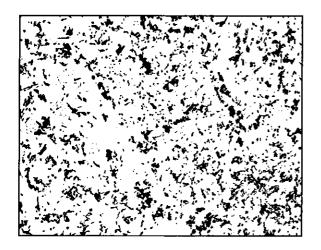
 $1 \,\mu$  m

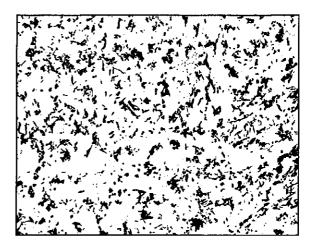


 $5\,\mu\,\mathrm{m}$ 

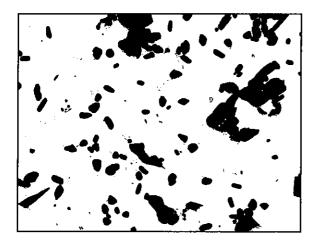
 $1 \mu$  m

Photo II-9-11 Precipitates by TEM (Transmission electron microscope) observation RH Outlet Header(Circumferential weld at right side, front : Base metal)

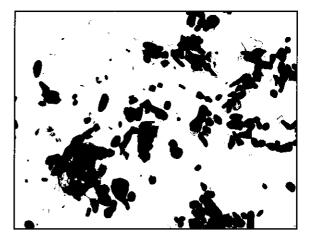




5μm



20.2



1µm

 $5 \,\mu$  m

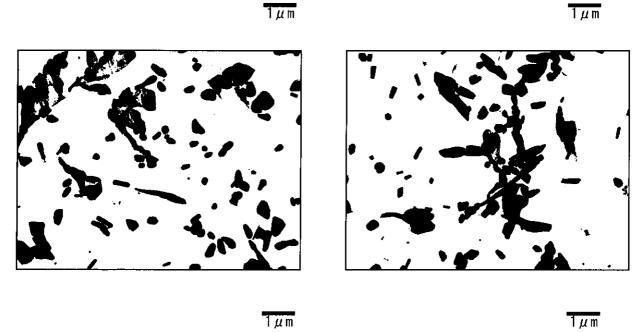
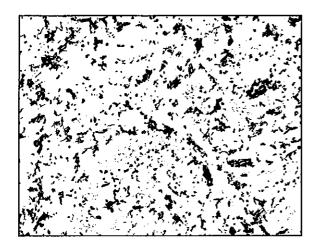
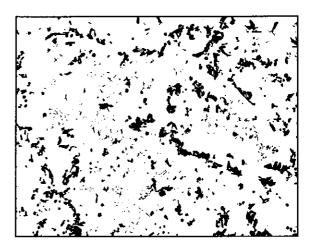


Photo II -9-12 Precipitates by TEM (Transmission electron microscope) observation RH Outlet Header(Circumferential weld at right side, front : Fine grain HAZ)

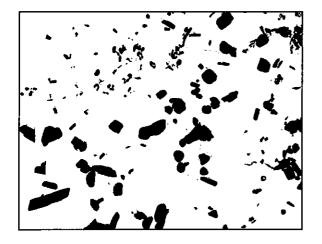




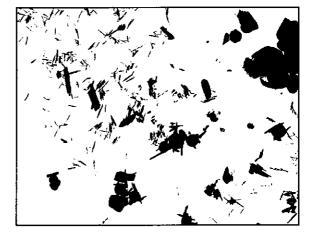
 $5\,\mu\,\mathrm{m}$ 

 $1 \,\mu$  m

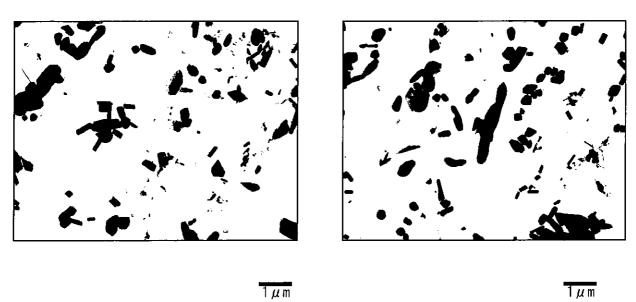




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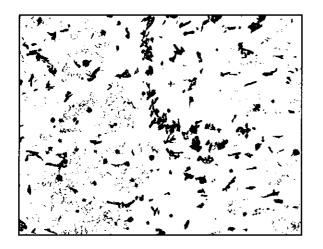


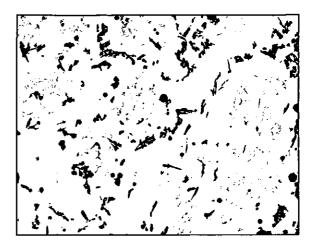
 $1 \, \mu$  m



 $1 \, \mu$  m

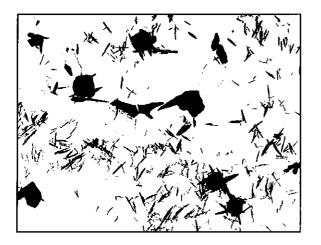
Photo II-9-13 Precipitates by TEM (Transmission electron microscope) observation RH Outlet Header(Circumferential weld at right side, front : Coarse grain HAZ)



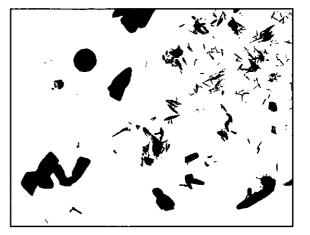








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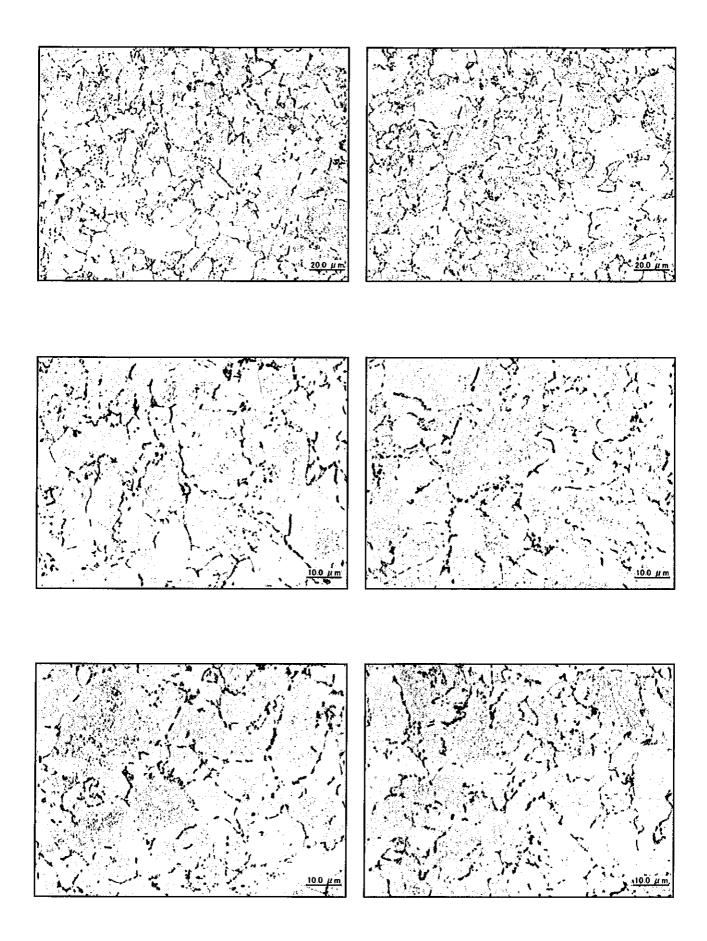




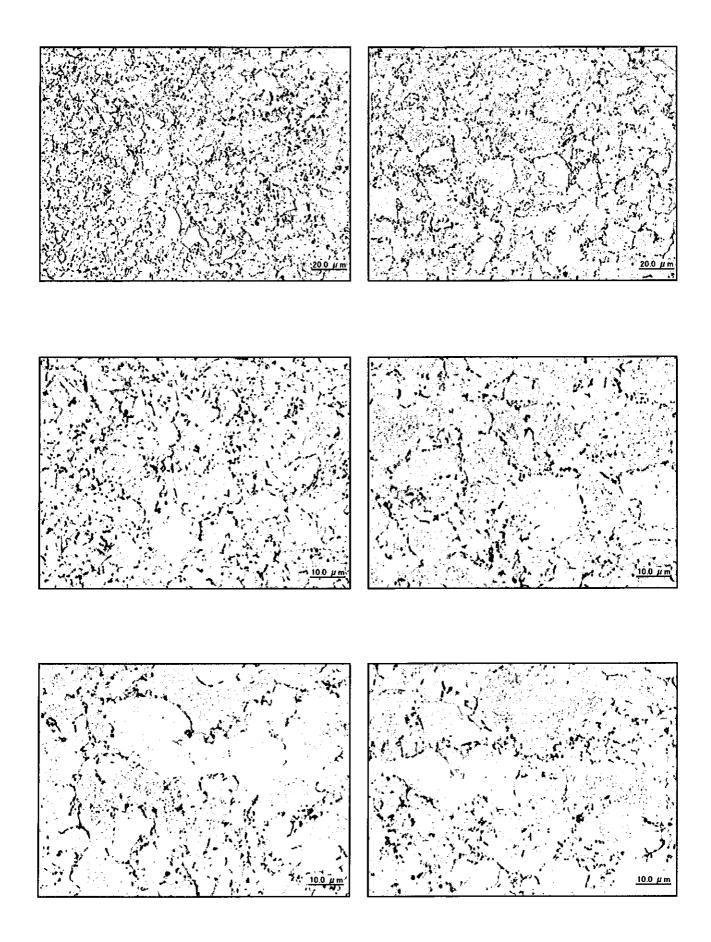
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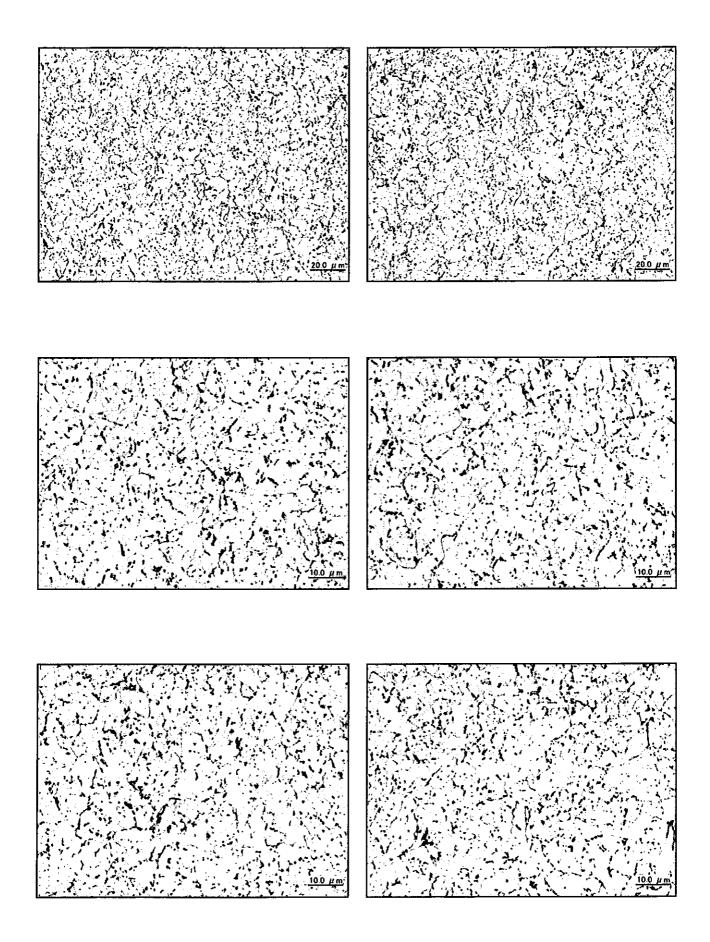
 $1 \, \mu$  m

Photo  $\Pi$ -9-14 Precipitates by TEM (Transmission electron microscope) observation RH Outlet Header(Circumferential weld at right side, front : Weld metal)



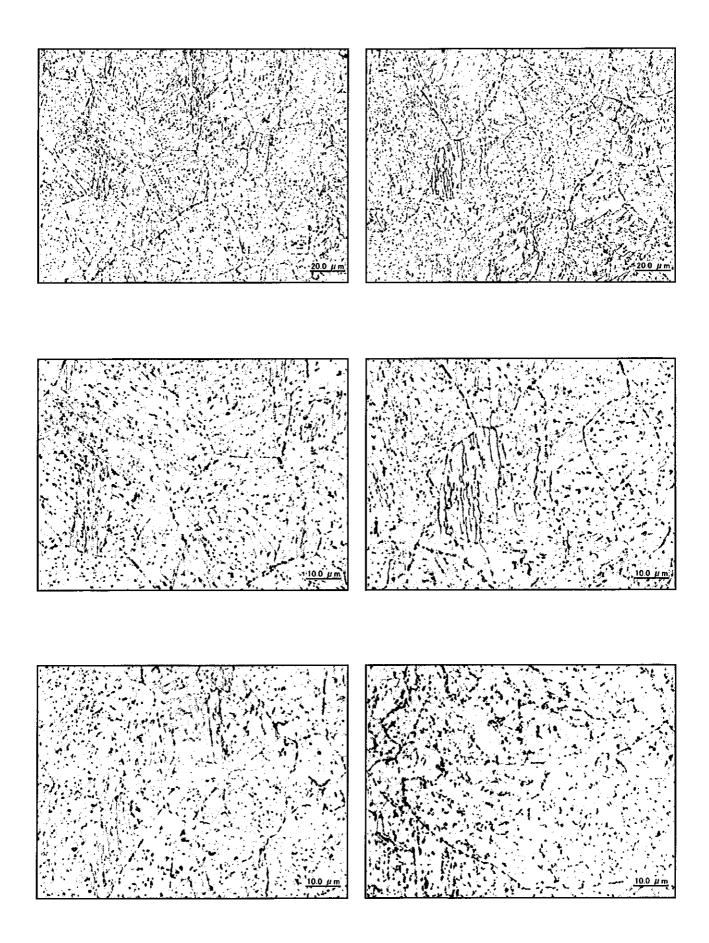
 $\label{eq:photo} Photo\,\Pi\,{-}10{-}1 \quad \mbox{Microstructure observation} \\ \mbox{Main Steam Pipe-Right (Circumferential weld,intrados : Base metal )} \\$ 

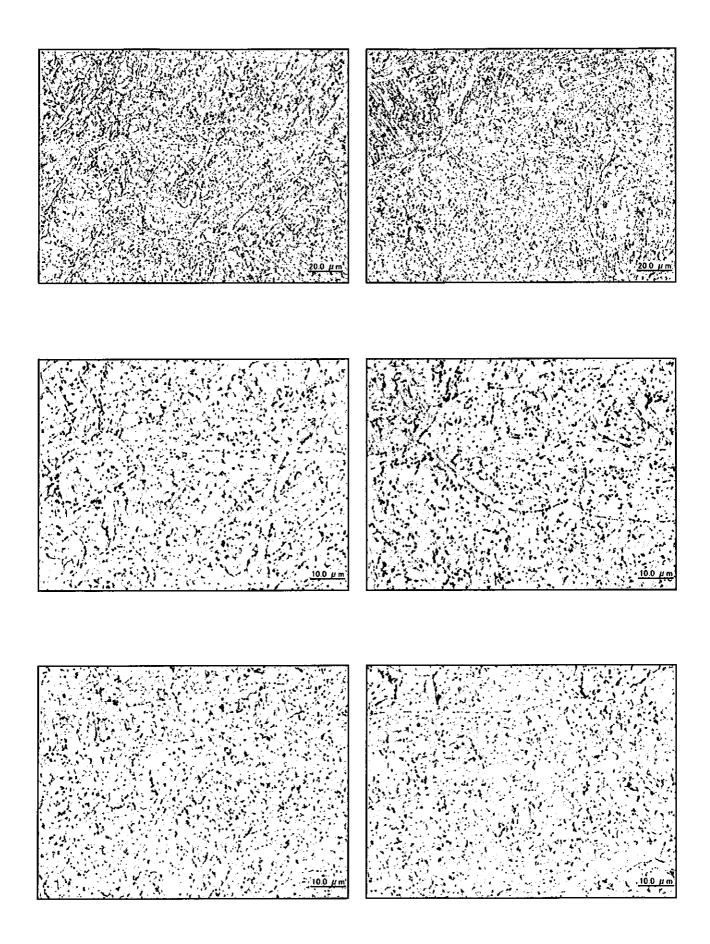




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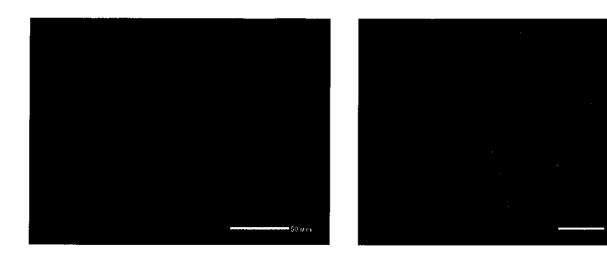
 $\label{eq:hotoII-10-3} Microstructure\ observation\\ Main\ Steam\ Pipe-Right\ (Circumferential\ weld, intrados\ : Fine\ grain\ HAZ\ )$ 

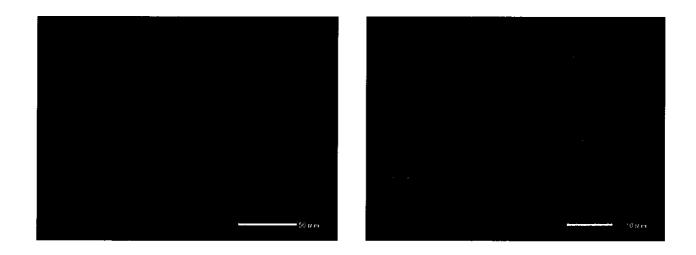


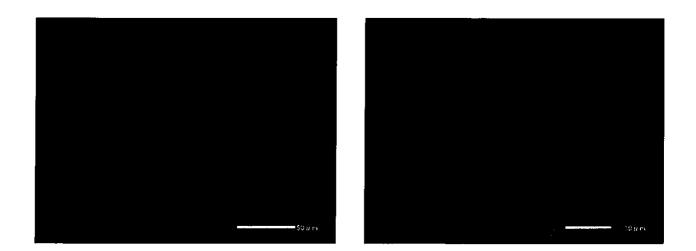


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Photo  $\rm II-10-5~$  Microstructure observation Main Steam Pipe-Right (Circumferential weld,intrados :Weld metal )

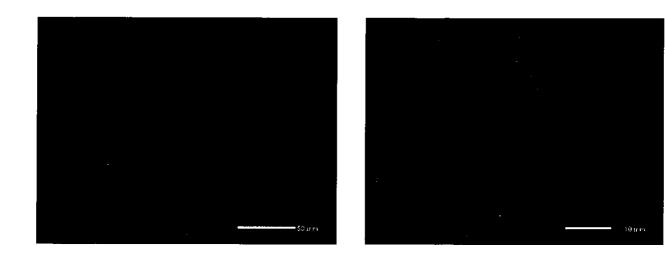


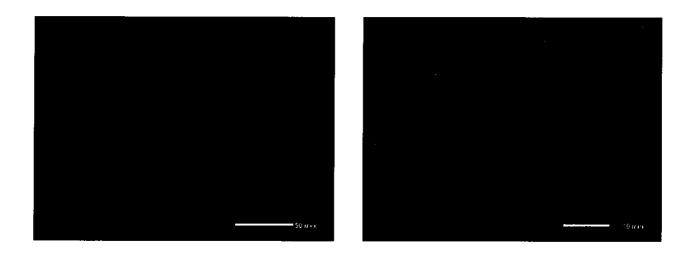




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Photo II-10-6 SEM(Scanning electron microscope) observation Main Steam Pipe-Right(Circumferential weld,intrados:Fine grain HAZ)





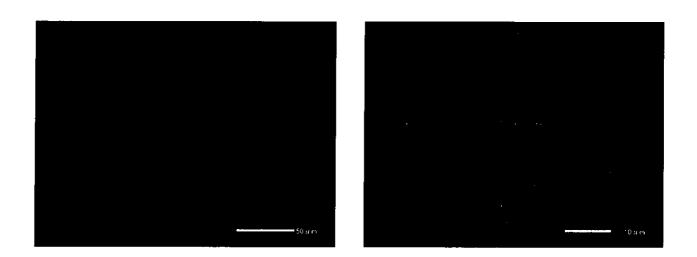
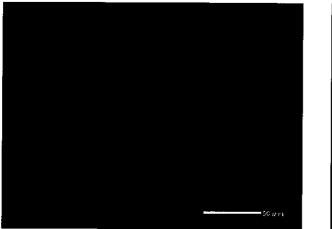
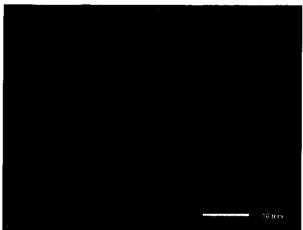
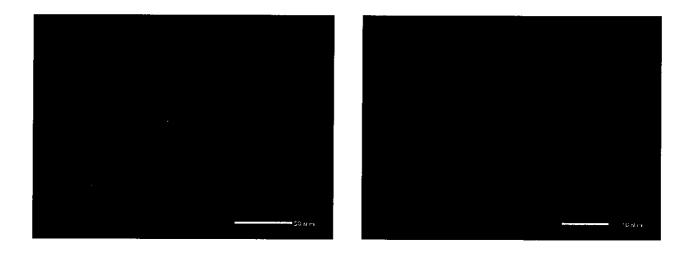


Photo II-10-7 SEM(Scanning electron microscope) observation Main Steam Pipe-Right(Circumferential weld, intrados: Coarse grain HAZ)

49) 7







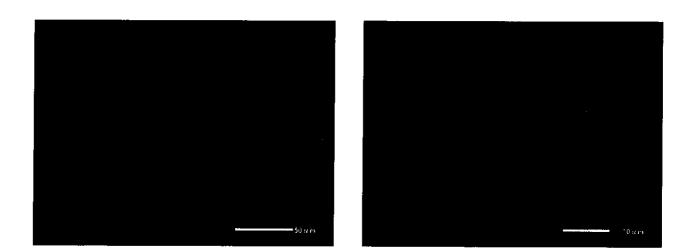
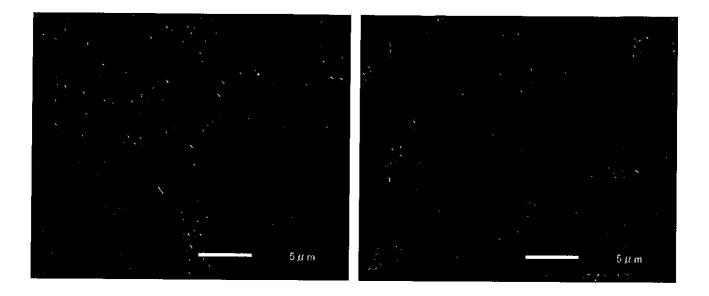
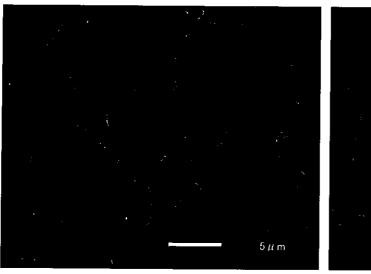


Photo II = 10-8 SEM(Scanning electron microscope) observation Main Steam Pipe-Right(Circumferential weld, intrados: Weld metal)







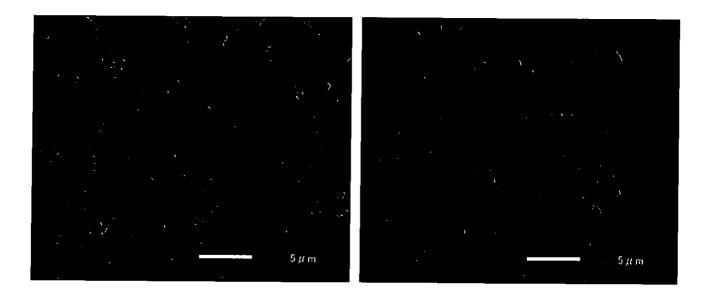


Photo II-10-9 Precipitates along grain boundary by SEM observation Main Steam Pipe-Right(Circumferential weld, intrados : Base metal)

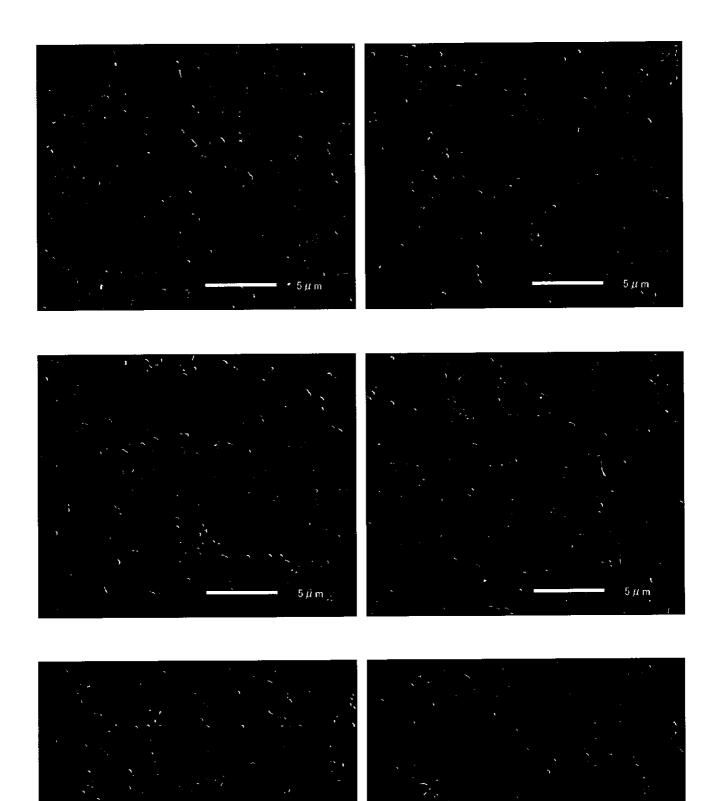
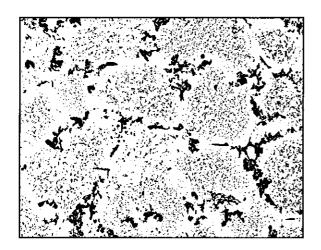


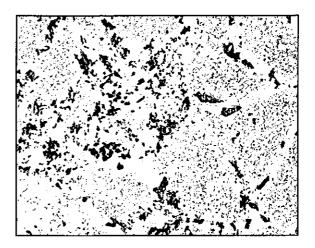
Photo II -10-10 Precipitates along grain boundary by SEM observation Main Steam Pipe-Right (Circumferential weld, intrados : Fine grain HAZ)

 $5 \,\mu$  m

No.

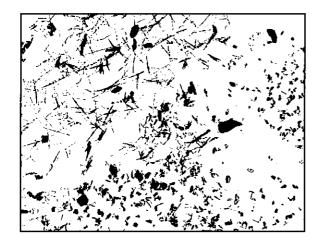
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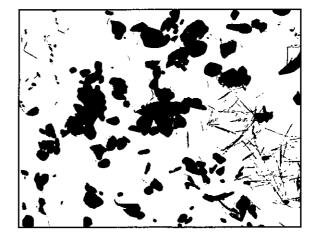




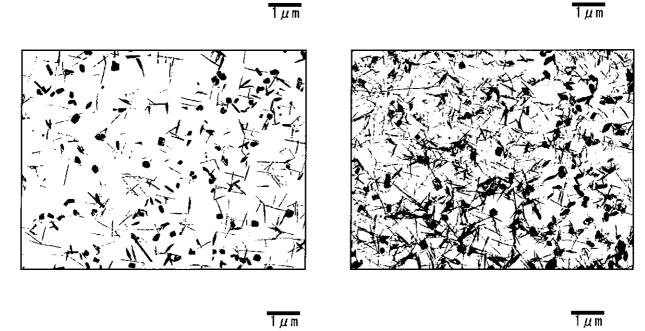




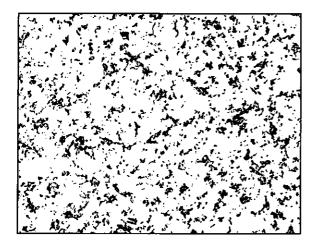
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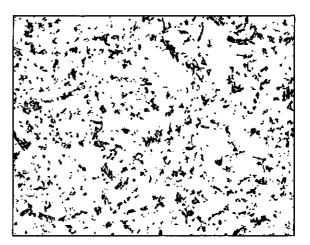




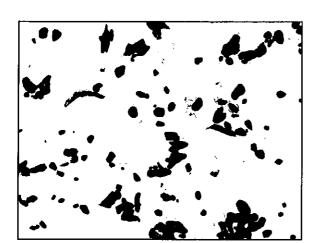


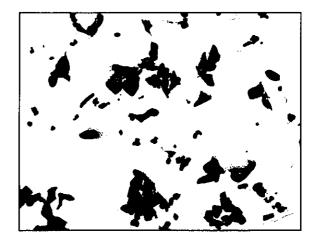
Photo∏-10-11 Precipitates by TEM (Transmission electron microscope) observation Main Steam Pipe-Right(Circumferential weld,intrados:Base metal)



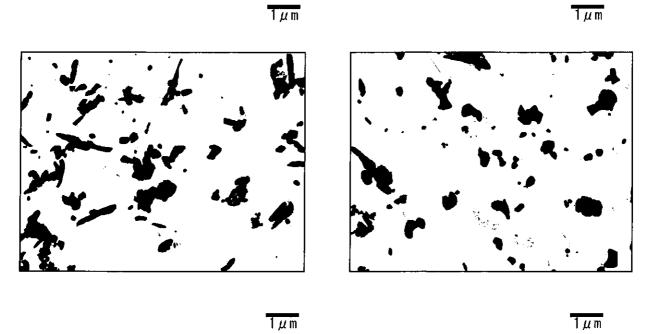


5*µ* m



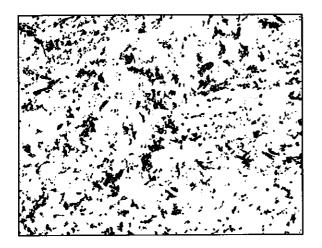


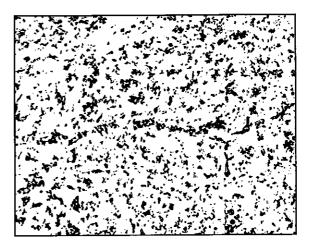
 $1 \mu$  m



 $5\,\mu\,\mathrm{m}$ 

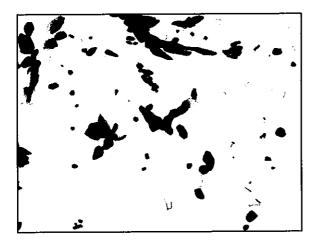
Photo II-10-12 Precipitates by TEM (Transmission electron microscope) observation Main Steam Pipe-Right(Circumferential weld, intrados : Fine grain HAZ)

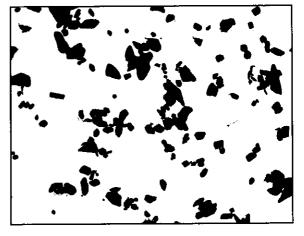






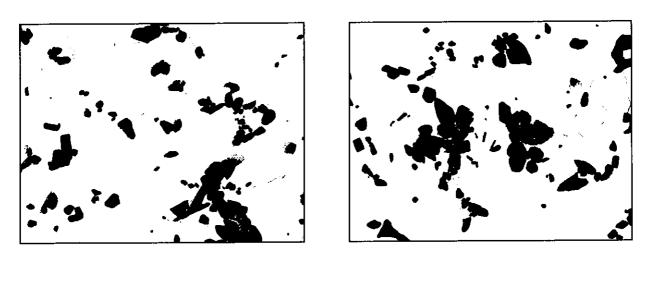
 $1\,\mu$  m







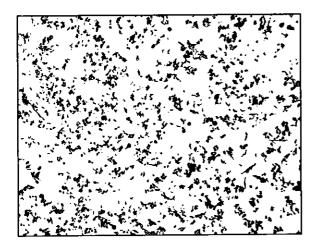
 $5\,\mu$  m

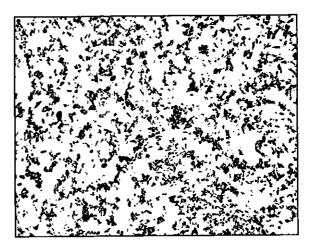


 $1 \,\mu$  m

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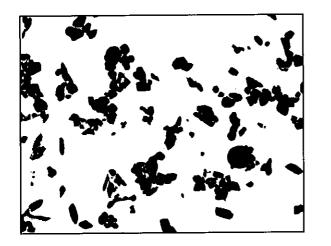
Photo II-10-13 Precipitates by TEM (Transmission electron microscope) observation Main Steam Pipe-Right(Circumferential weld, intrados : Coarse grain HAZ)







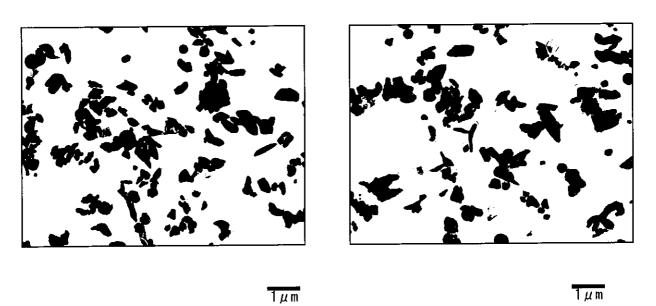
 $1 \, \mu$  m



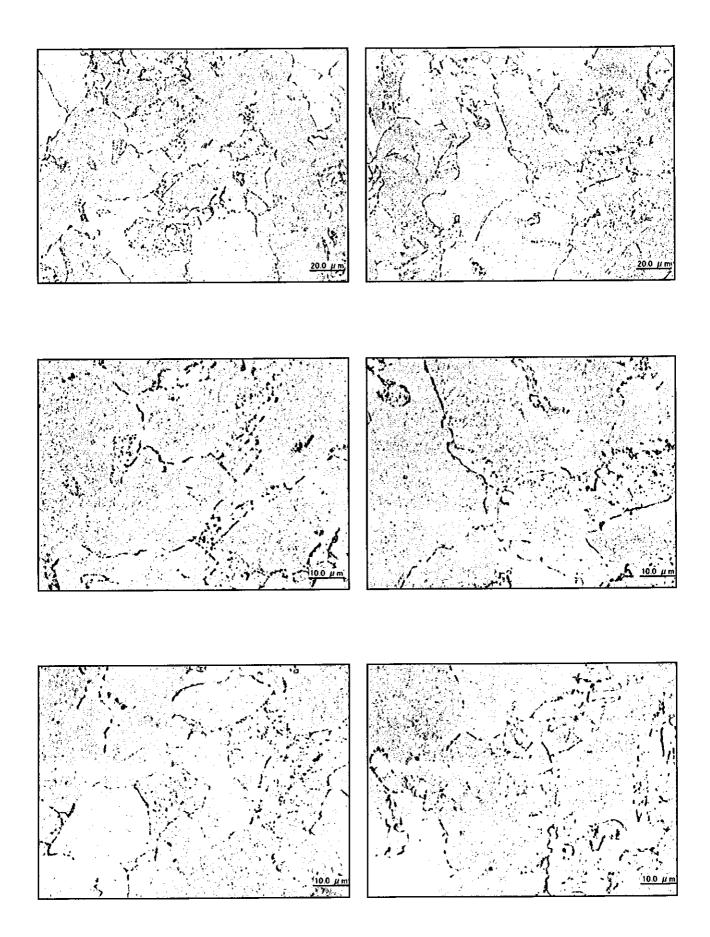




 $5\,\mu\,\mathrm{m}$ 



Photo∏-10-14 Precipitates by TEM (Transmission electron microscope) observation Main Steam Pipe-Right(Circumferential weld, intrados : Weld metal)



 $\label{eq:photoII-11-1} Microstructure\ observation Main\ Steam\ Pipe-Right\ (Circumferential\ weld, near\ the\ stop\ valve\ :Base\ metal\ )$ 

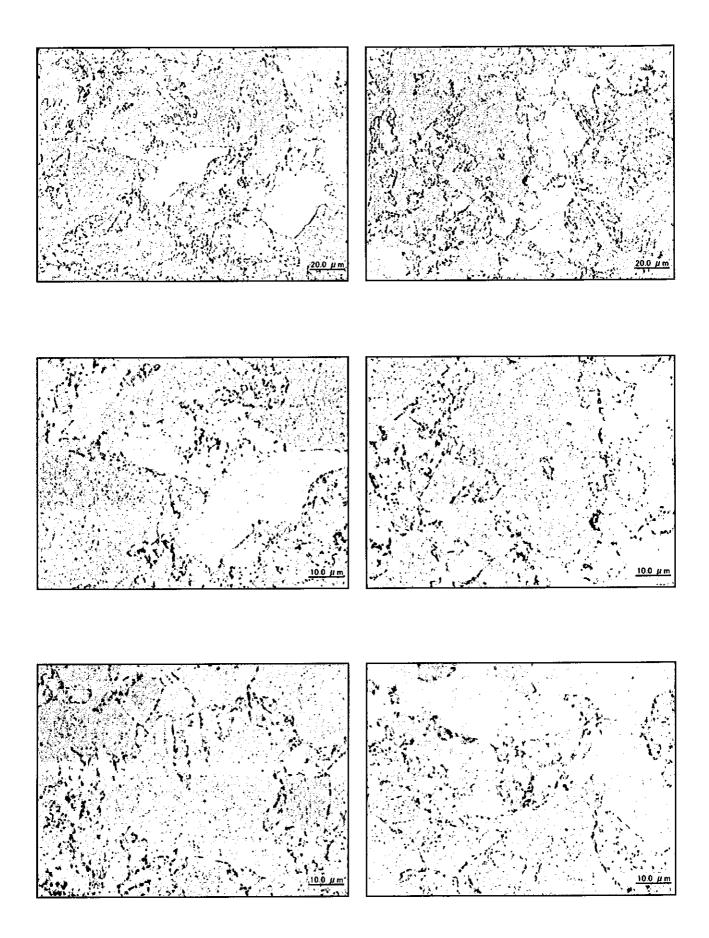


Photo  $\rm II$  -11-2 Microstructure observation Main Steam Pipe-Right (Circumferential weld, near the stop value : Intercritical zone )

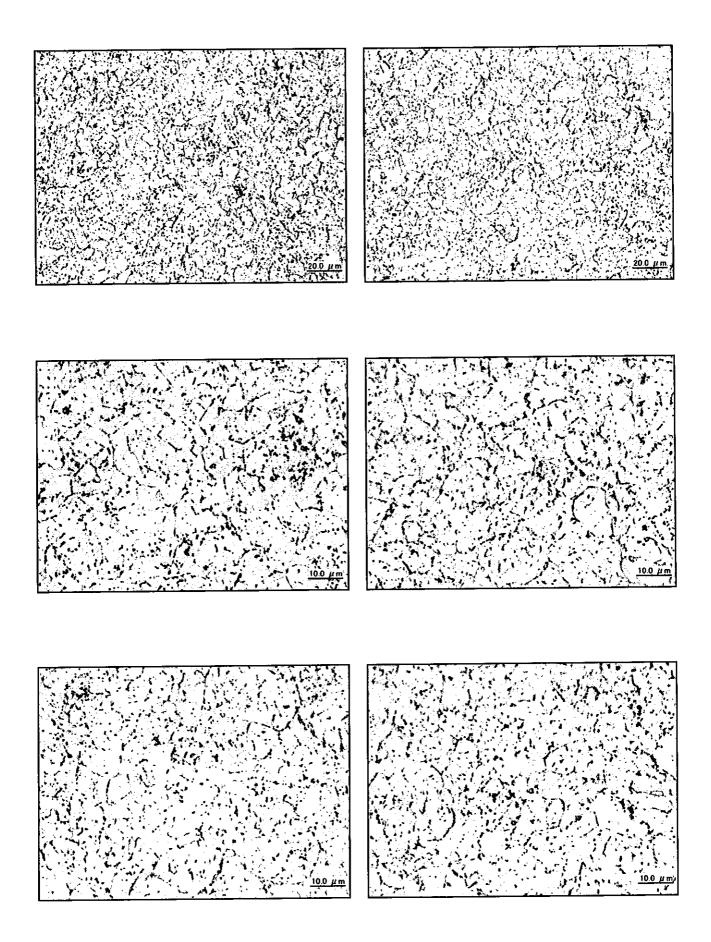


Photo II -11-3 Microstructure observation Main Steam Pipe-Right (Circumferential weld, near the stop value  $\,:$  Fine grain HAZ )

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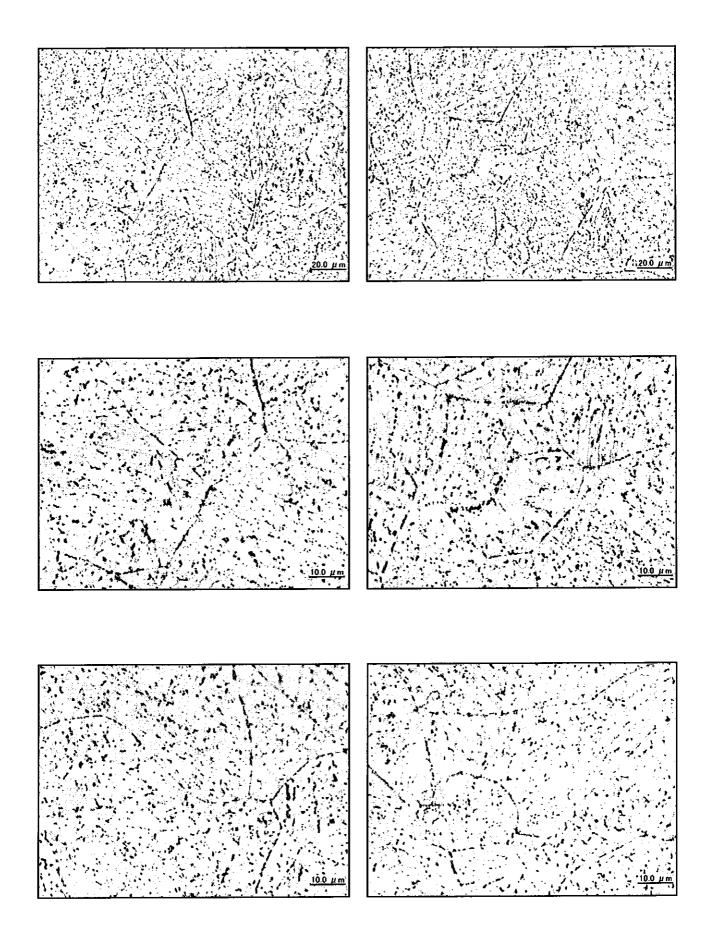
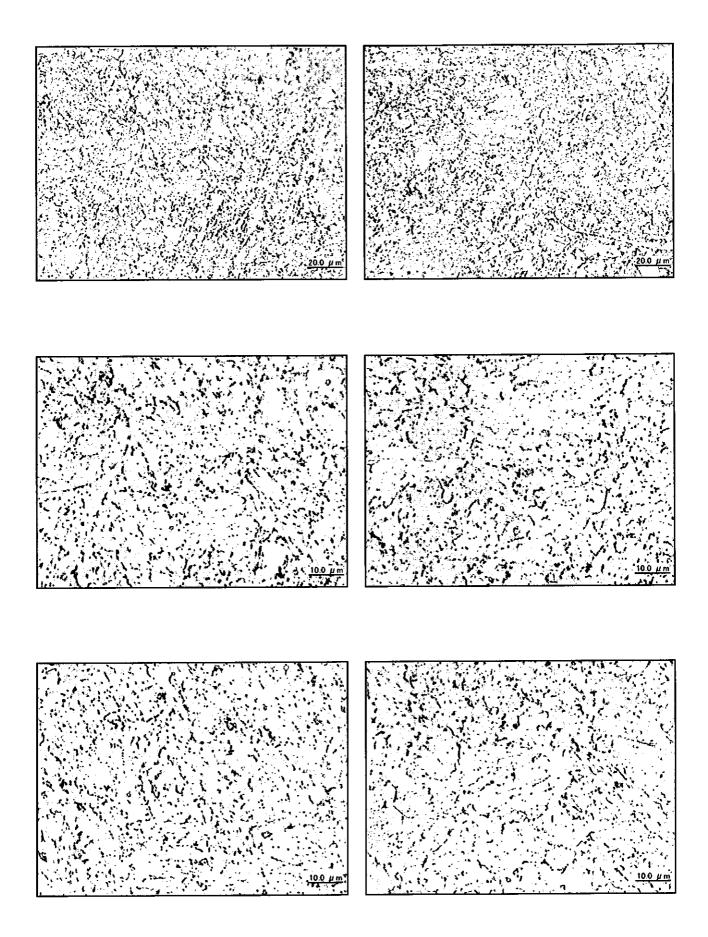
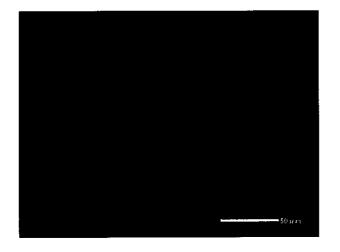
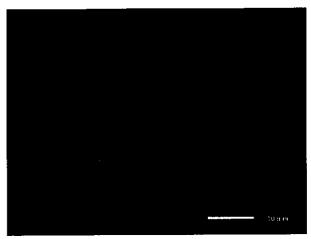


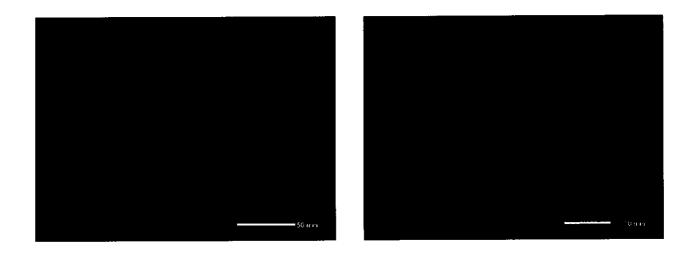
Photo  $\Pi$  -11-4 Microstructure observation Main Steam Pipe-Right (Circumferential weld,near the stop value : Coarse grain HAZ )



 $\label{eq:hoto-II-5} Microstructure\ observation \\ \mbox{Main Steam Pipe-Right (Circumferential weld, near the stop value : Weld metal )}$ 







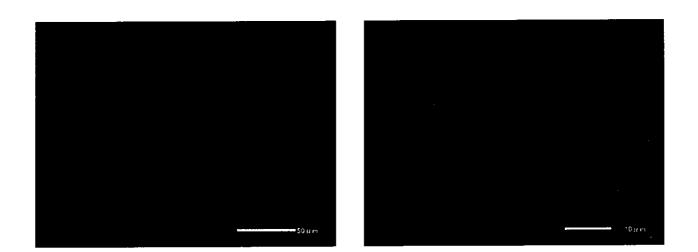
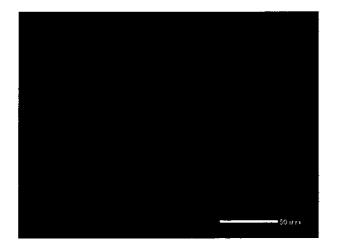
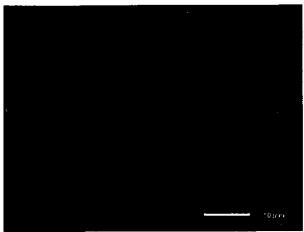
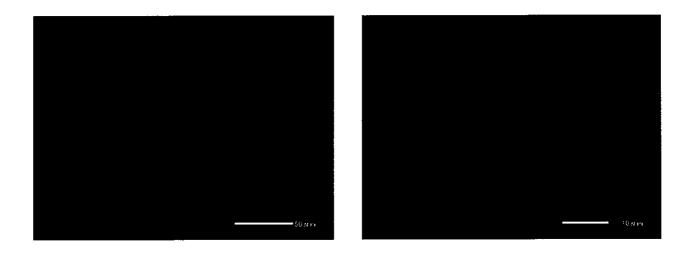
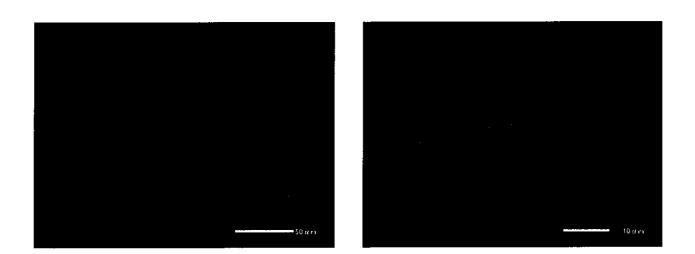


Photo II-11-6 SEM(Scanning electron microscope) observation Main Steam Pipe-Right(Circumferential weld,near the stop valve: Fine grain HAZ)

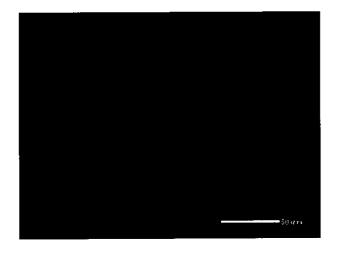


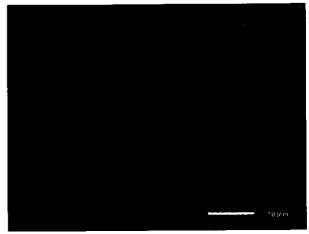


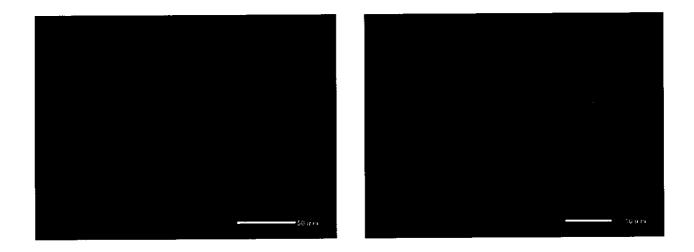




PhotoⅡ-11-7 SEM(Scanning electron microscope) observation Main Steam Pipe-Right(Circumferential weld,near the stop valve:Coarse grain HAZ)







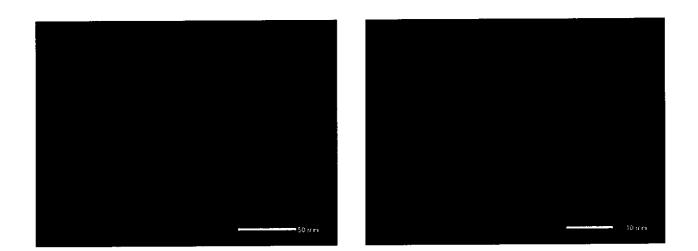
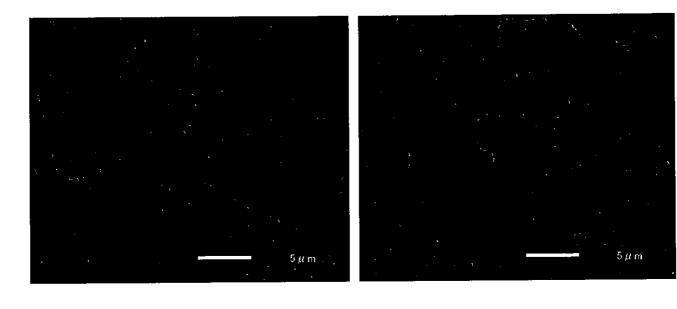
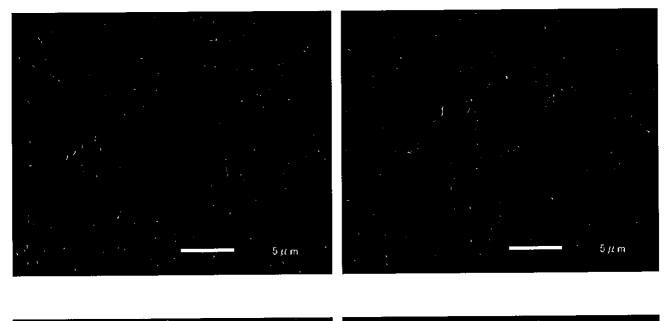


Photo II-11-8 SEM(Scanning electron microscope) observation Main Steam Pipe-Right(Circumferential weld,near the stop valve:Weld metal)





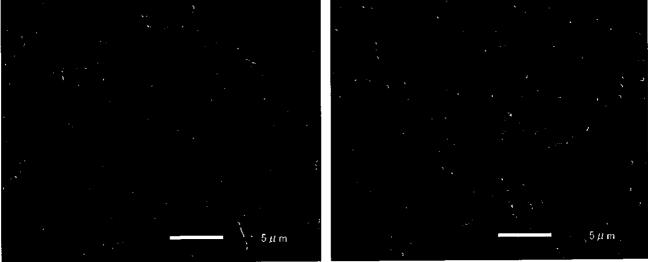
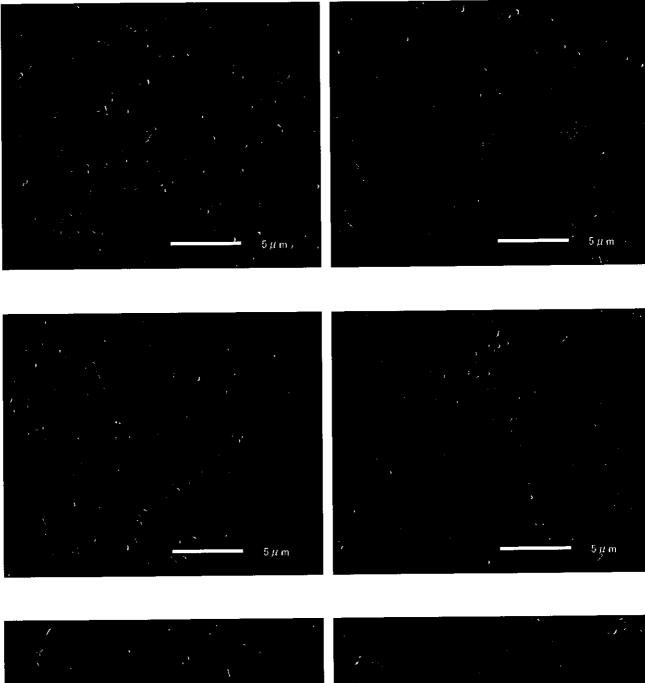


Photo II-11-9 Precipitates along grain boundary by SEM observation Main Steam Pipe-Right(Circumferential weld, near the stop valve: Base metal)

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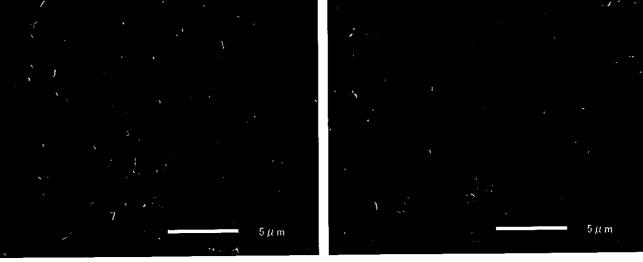
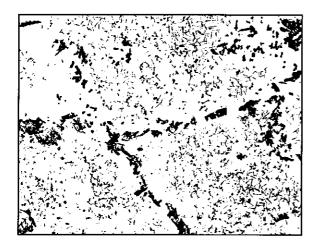
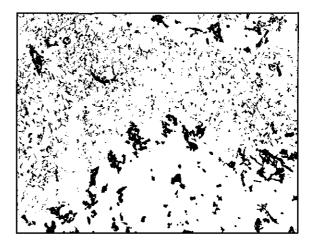
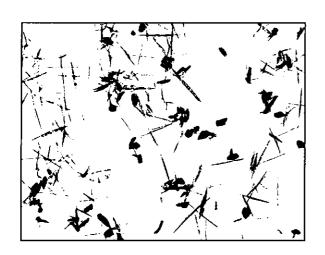


Photo II-11-10 Precipitates along grain boundary by SEM observation Main Steam Pipe-Right (Circumferential weld, near the stop valve : Fine grain HAZ)

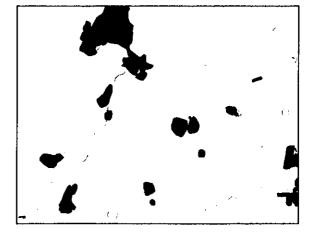








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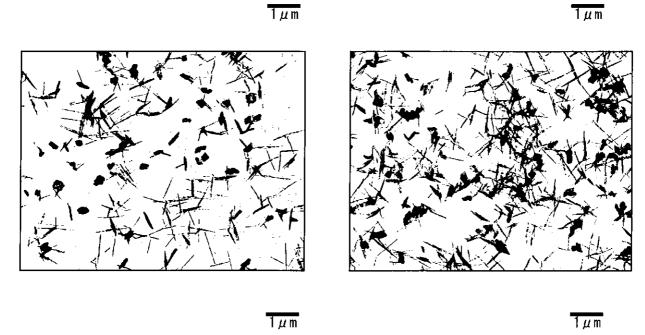
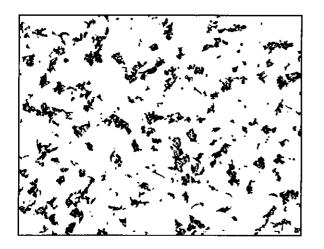
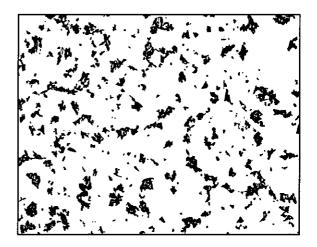


Photo  $\rm II$  -11-11 Precipitates by TEM (Transmission electron microscope) observation Main Steam Pipe-Right(Circumferential weld, near the stop valve: Base metal)





$$5 \,\mu$$
 m

 $5\,\mu$  m

 $1\,\mu$  m







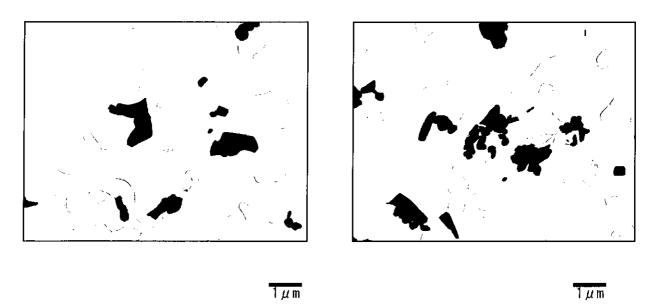
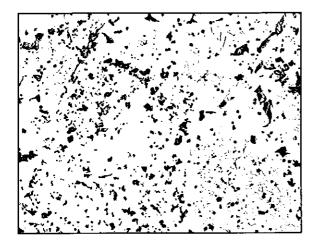
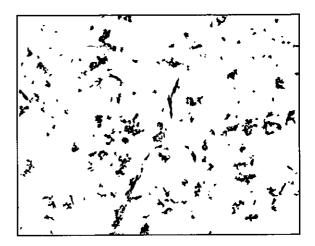


Photo II -11-12 Precipitates by TEM (Transmission electron microscope) observation Main Steam Pipe-Right(Circumferential weld, near the stop valve: Fine grain HAZ)

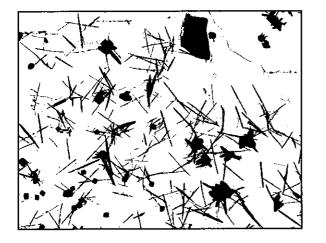




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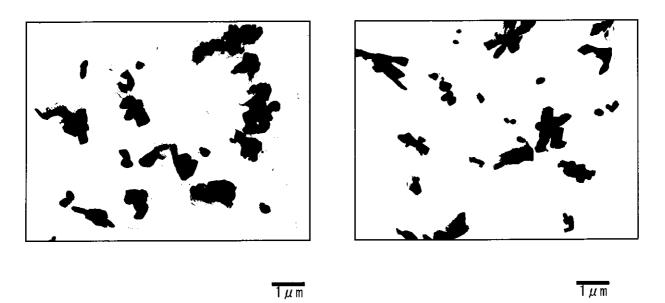
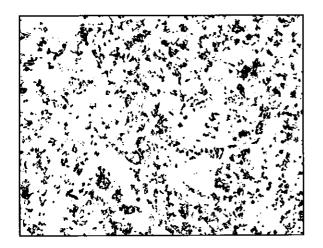
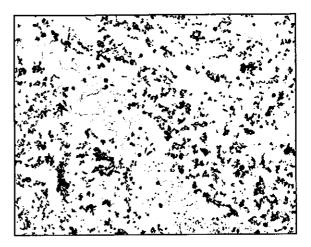


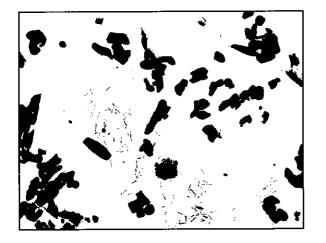
Photo II-11-13 Precipitates by TEM (Transmission electron microscope) observation Main Steam Pipe-Right(Circumferential weld, near the stop valve: Coarse grain HAZ)





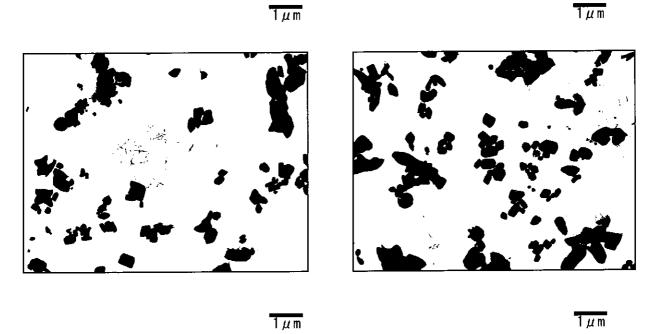




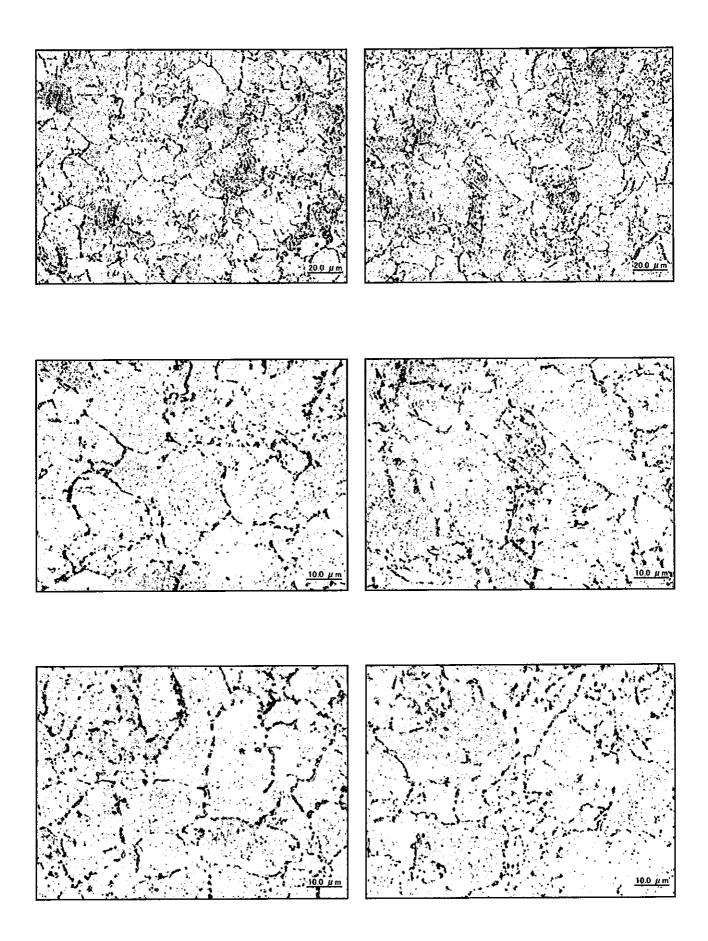




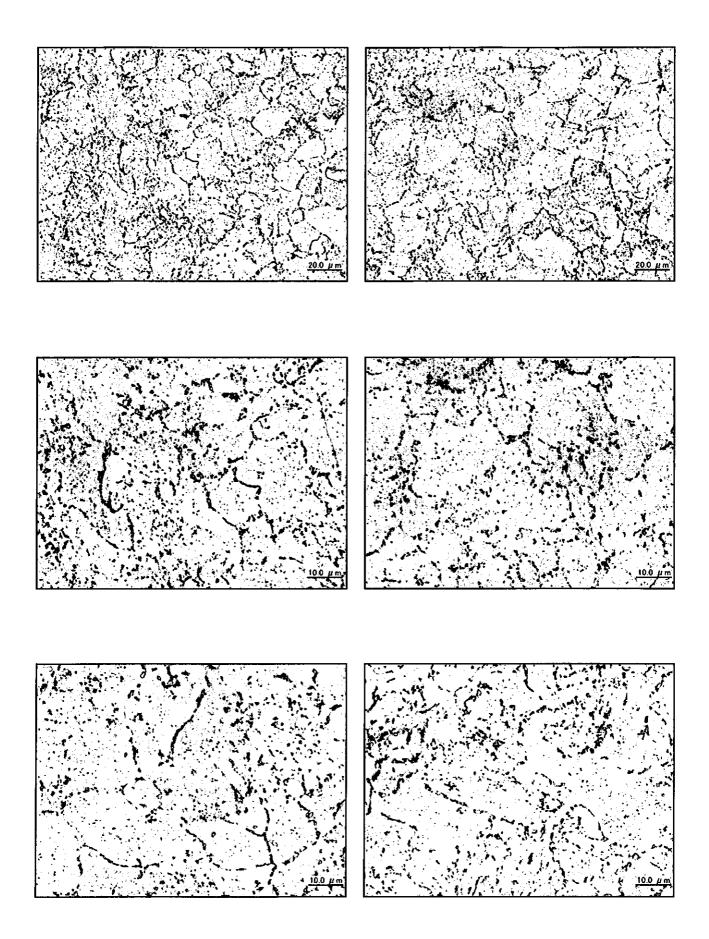


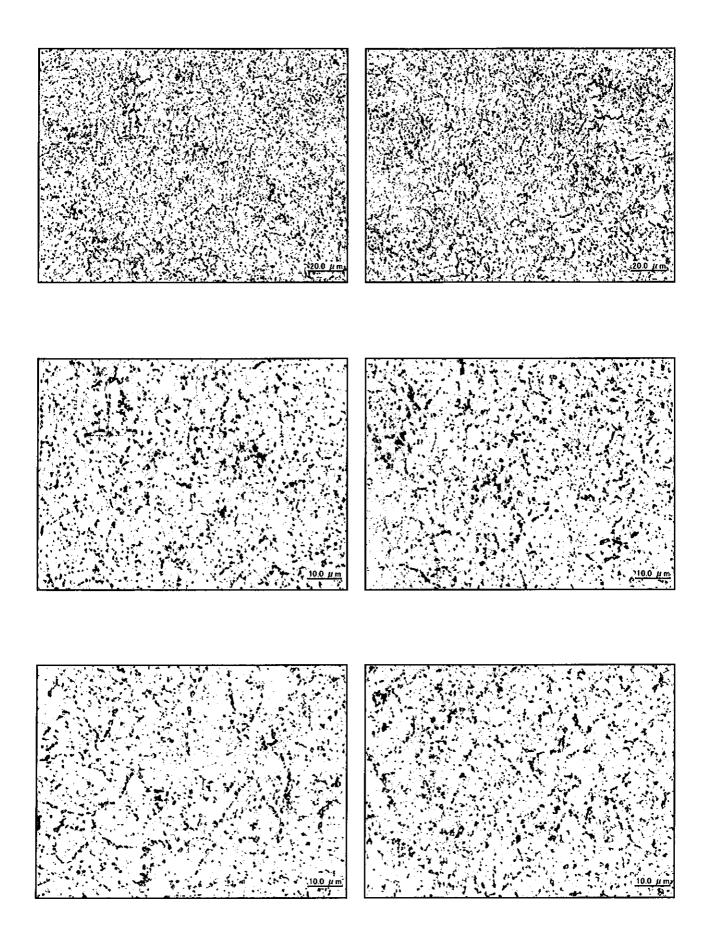


PhotoII-11-14 Precipitates by TEM (Transmission electron microscope) observation Main Steam Pipe-Right(Circumferential weld, near the stop valve: Weld metal)



 $\label{eq:PhotoII-12-1} \begin{array}{c} \mbox{Microstructure observation} \\ \mbox{Hot Reheat Pipe-Right (Circumferential weld : Base metal )} \end{array}$ 





 $\label{eq:PhotoII-12-3} Microstructure\ observation\\ \mbox{Hot Reheat Pipe-Right\ (Circumferential weld\ :Fine\ grain\ HAZ\ )}$ 

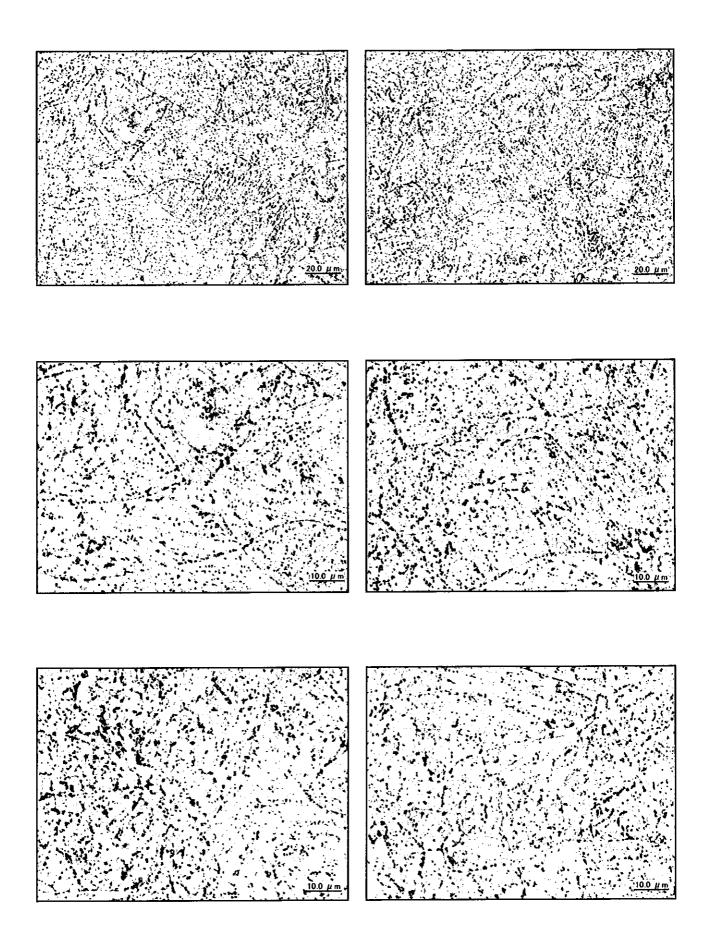
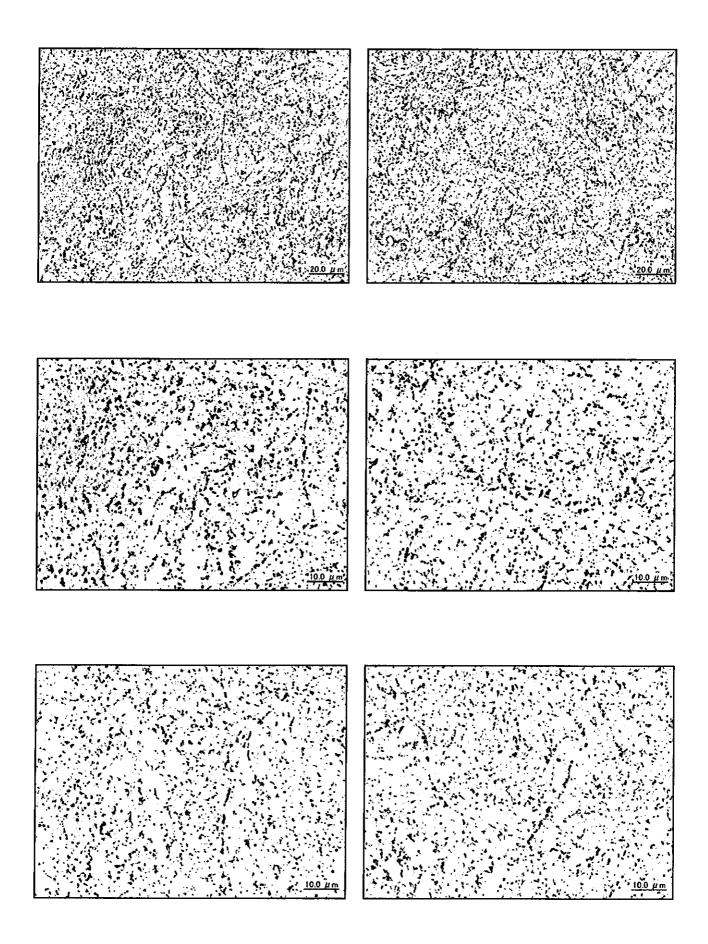


Photo II -12-4 Microstructure observation Hot Reheat Pipe-Right (Circumferential weld : Coarse grain HAZ )



 $\label{eq:PhotoII-12-5} \begin{array}{c} \mbox{Microstructure observation} \\ \mbox{Hot Reheat Pipe-Right (Circumferential weld : Weld metal )} \end{array}$ 

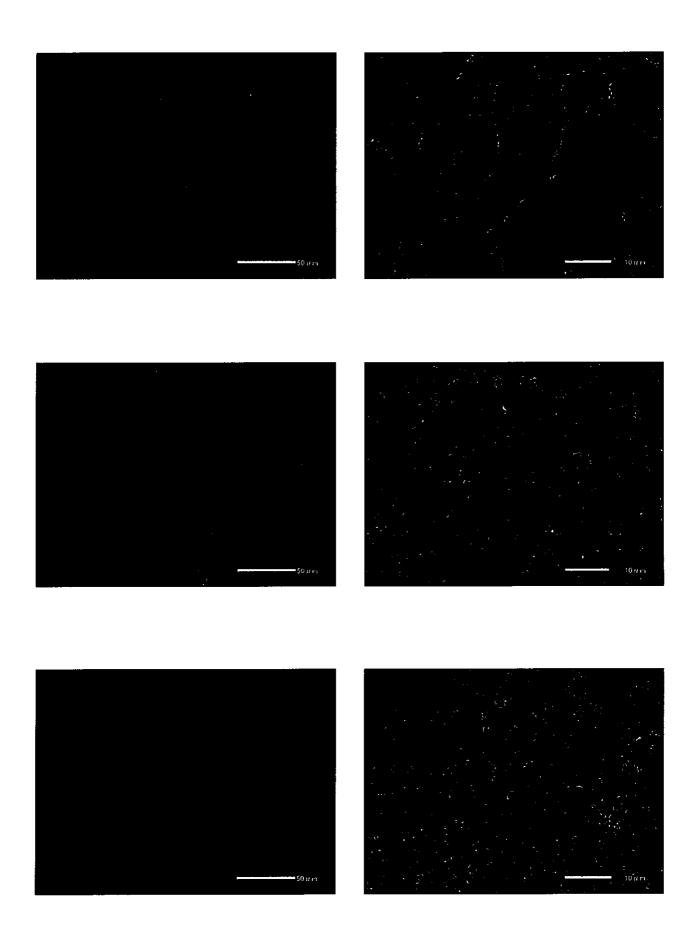
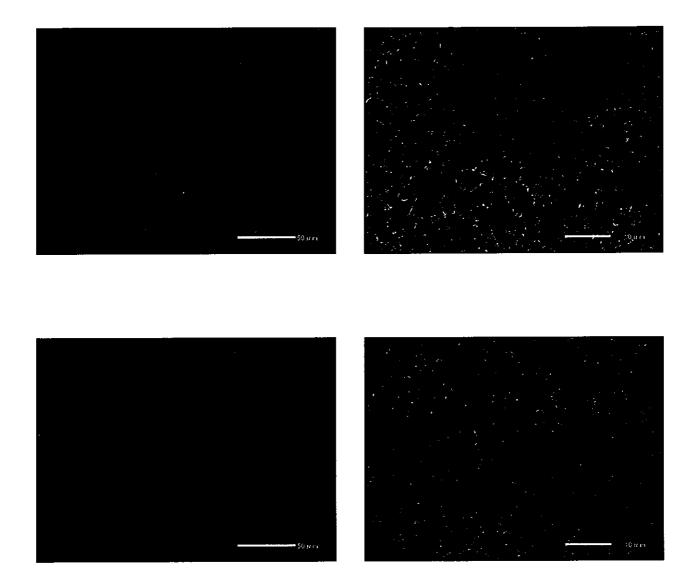


Photo  $\Pi$ -12-6 SEM(Scanning electron microscope) observation Hot Reheat Pipe-Right(Circumferential weld: Fine grain HAZ)



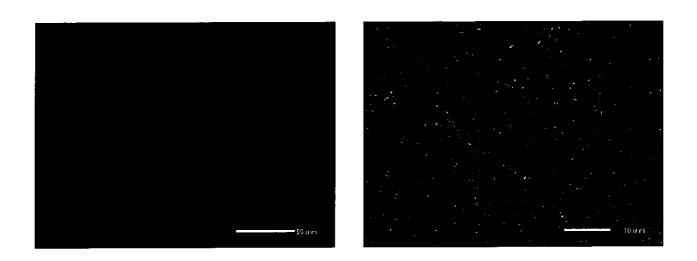


Photo II-12-7 SEM(Scanning electron microscope) observation Hot Reheat Pipe-Right(Circumferential weld: Coarse grain HAZ)

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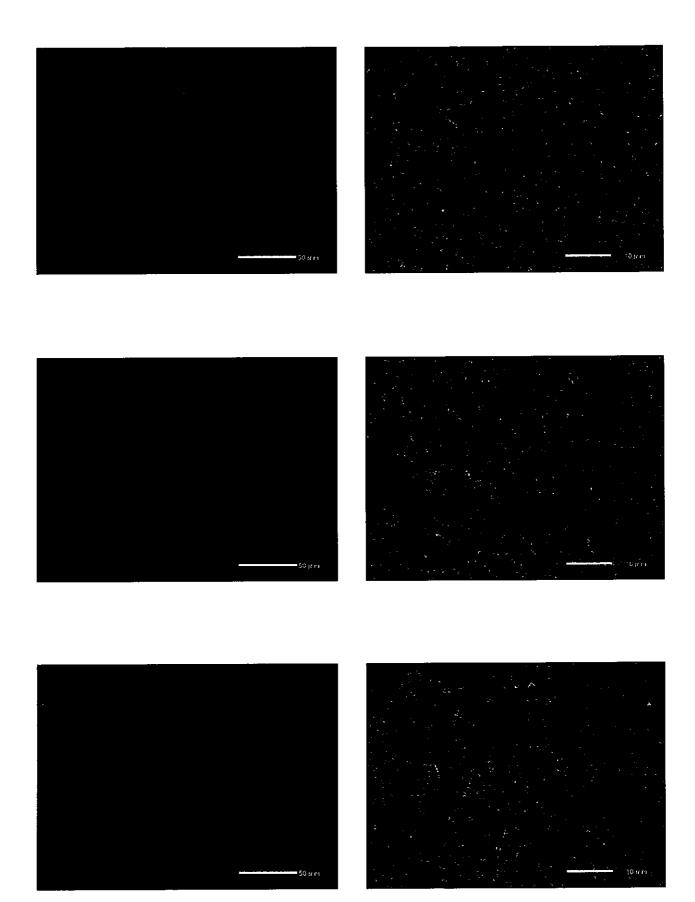


Photo II-12-8 SEM(Scanning electron microscope) observation Hot Reheat Pipe-Right(Circumferential weld: Weld metal)

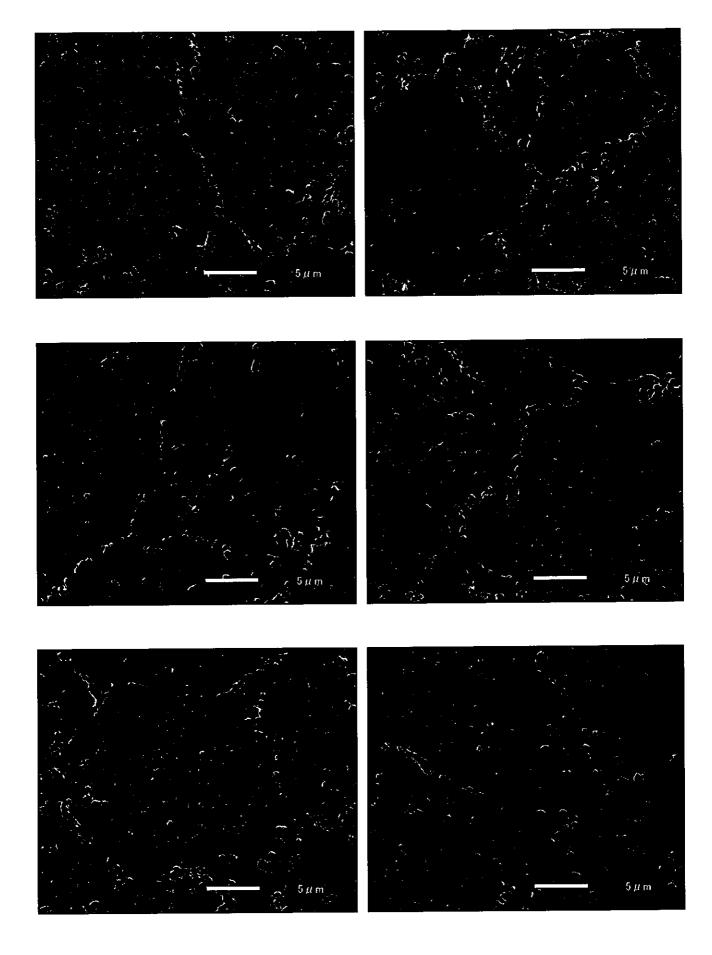
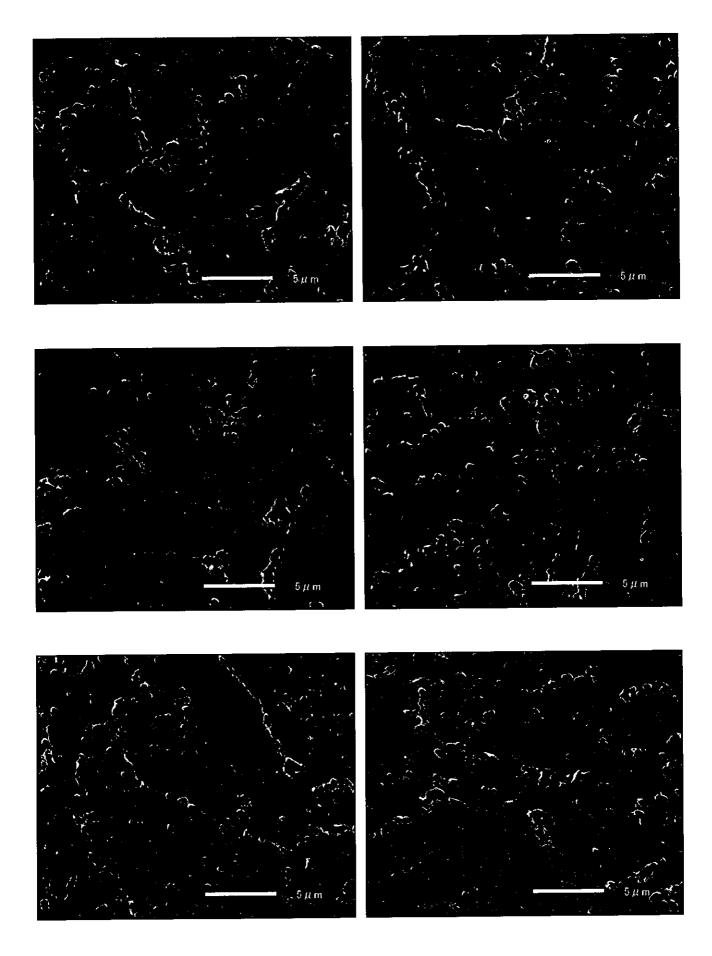
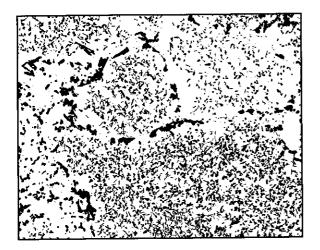


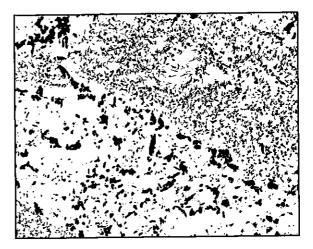
Photo II-12-9 Precipitates along grain boundary by SEM observation Hot Reheat Pipe-Right(Circumferential weld: Base metal)

5



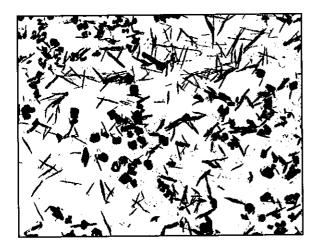
PhotoII-12-10 Precipitates along grain boundary by SEM observation Hot Reheat Pipe-Right(Circumferential weld: Fine grain HAZ)

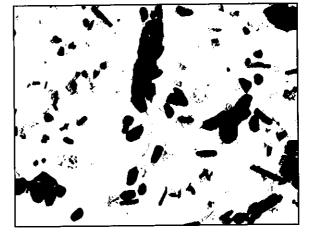




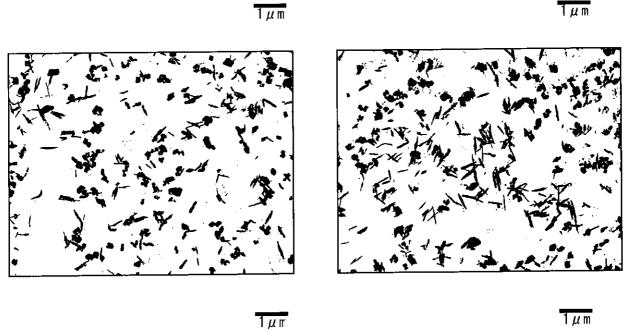






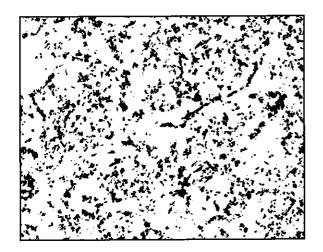


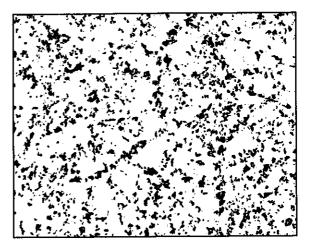




PhotoII-12-11 Precipitates by TEM (Transmission electron microscope) observation Hot Reheat Pipe-Right(Circumferential weld: Base metal)

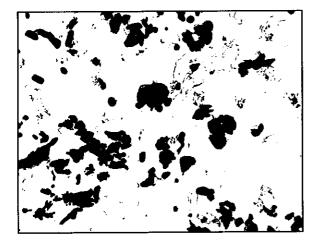
2.67



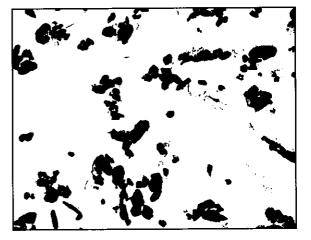


 $5\,\mu\,\mathrm{m}$ 

5*µ*m

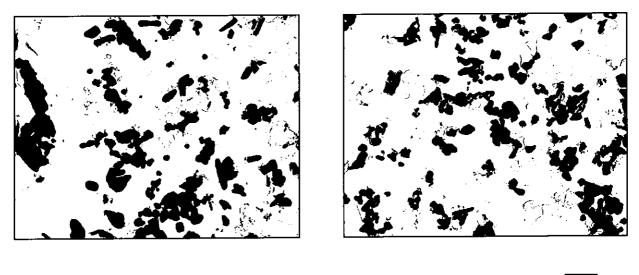


560





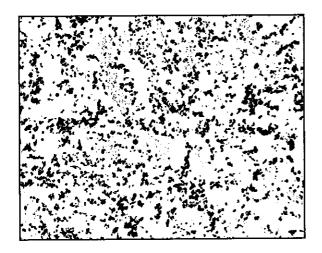
1µm

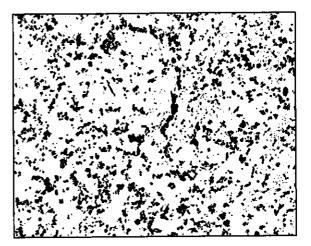


1μm



Photo II-12-12 Precipitates by TEM (Transmission electron microscope) observation Hot Reheat Pipe-Right(Circumferential weld: Fine grain HAZ)





 $5 \,\mu$  m

 $1 \, \mu$  m

1*µ* m





 $5\,\mu$  m

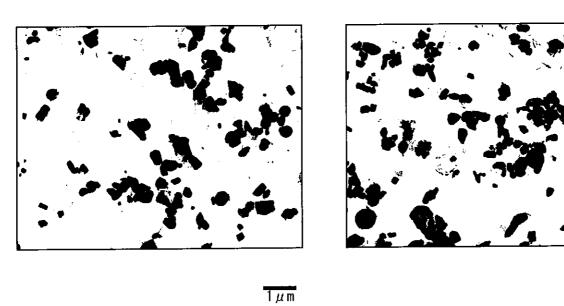
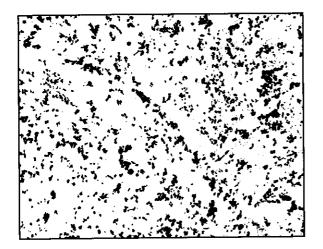
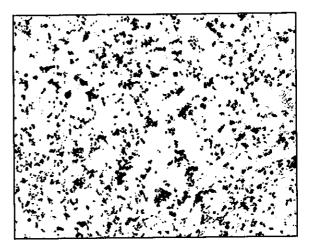


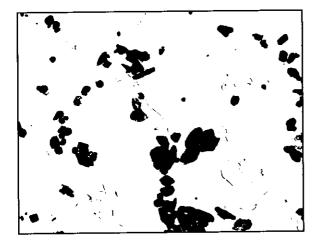
Photo II-12-13 Precipitates by TEM (Transmission electron microscope) observation Hot Reheat Pipe-Right(Circumferential weld: Coarse grain HAZ)

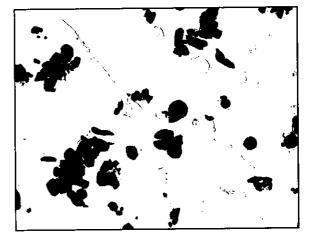






 $5\,\mu$  m

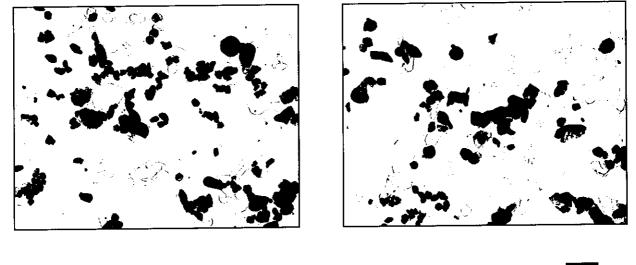






 $5\,\mu$  m





1µm



Photo II-12-14 Precipitates by TEM (Transmission electron microscope) observation Hot Reheat Pipe-Right(Circumferential weld: Weld metal)

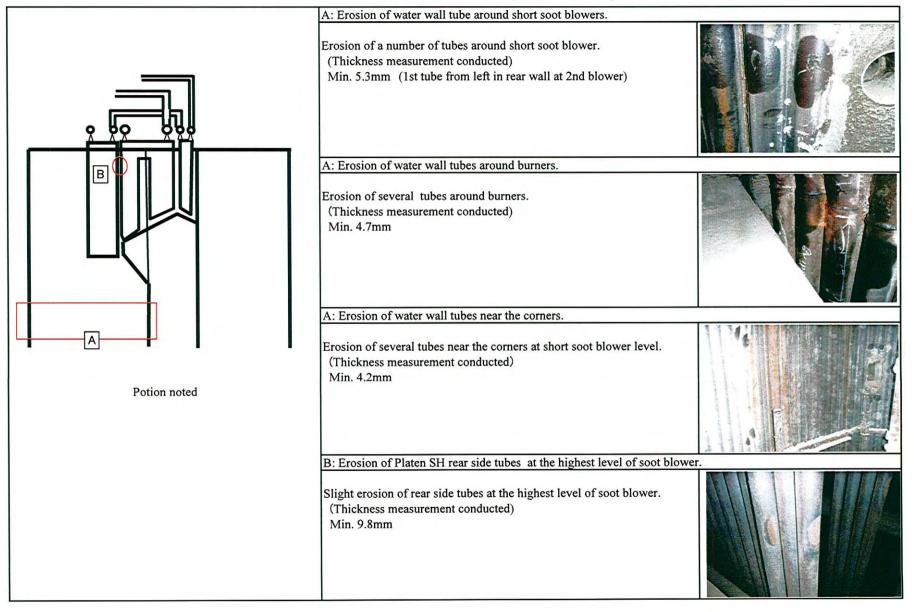
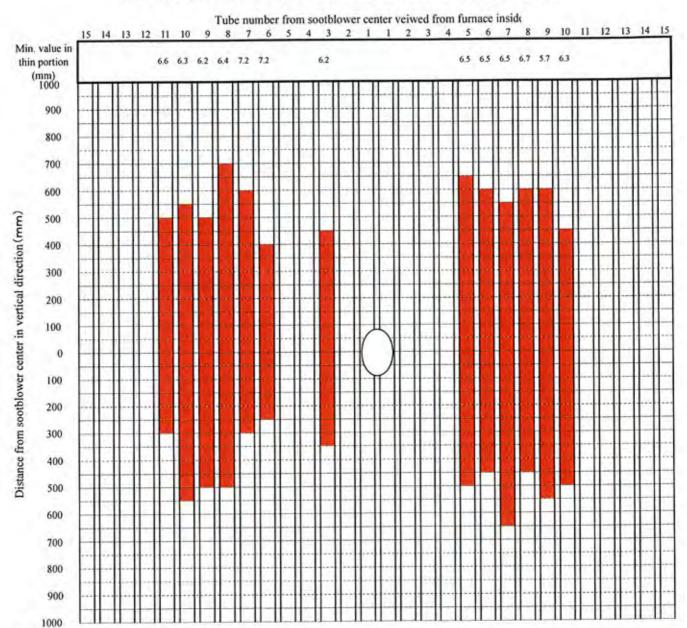
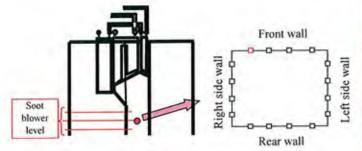


Table II-12 Unchahar #2 Boiler Findings by visual inspection

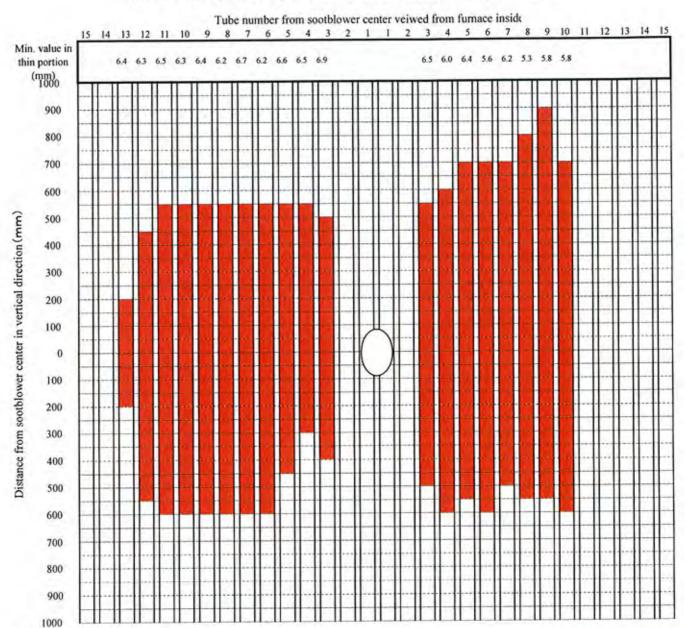
П-176



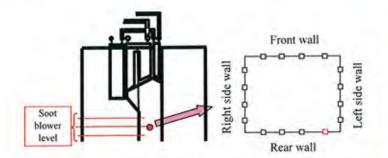
## Table II-13 (Unchahar) WATER WALL Front wall Thickness Measurement Results



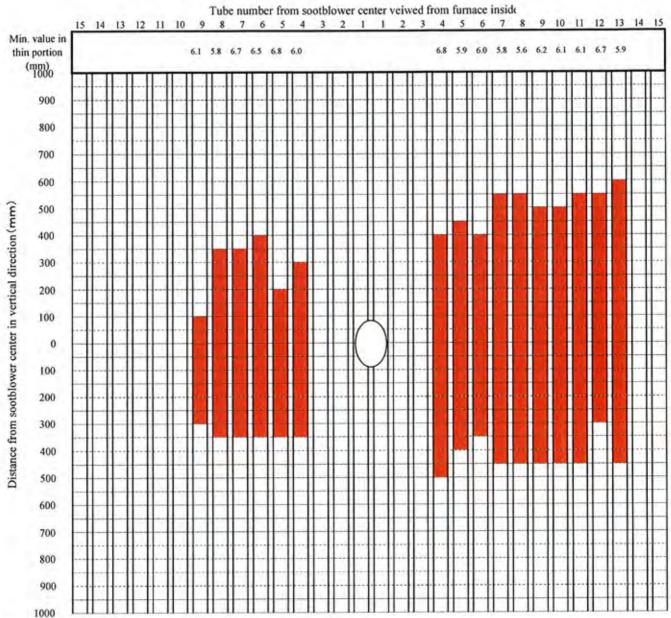




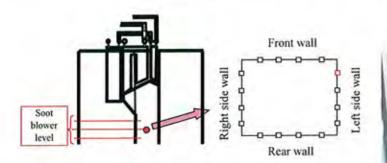
## Table II-14 (Unchahar) WATER WALL Rear wall Thickness Measurement Results



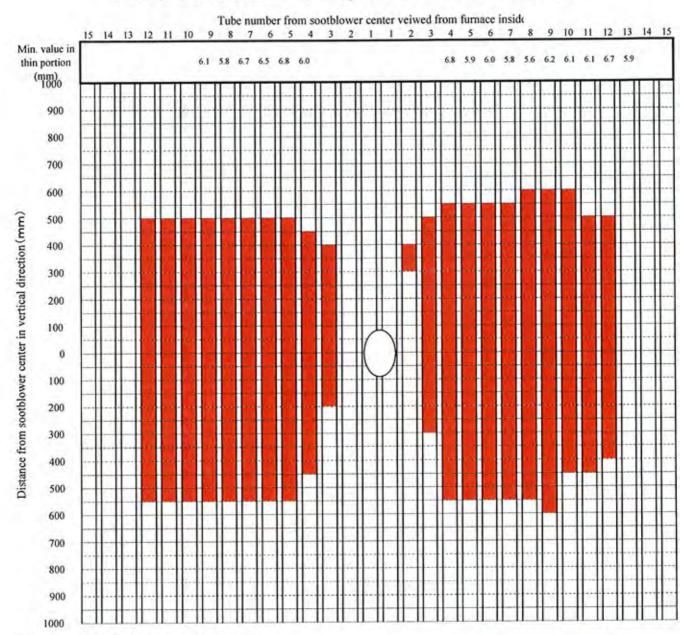




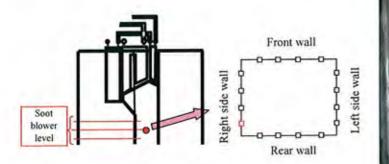
## Table II-15 (Unchahar) WATER WALL Left side wall Thickness Measurement Results



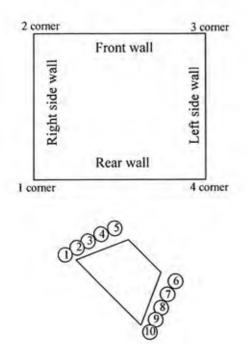




## Table II-16 (Unchahar) WATER WALL Right side wall Thickness Measurement Results







Number of tubes around burner

Tube No.	1 corner	2 corner	3 corner	4 corner		
1		-	-			
2	6.5					
3	6.2	1.		1.1		
4	÷		4			
5	•	-				
6				6.2		
7				4.7		
8	6.4	5.7		5.1		
9	6.1	4		14		
10	6.5					



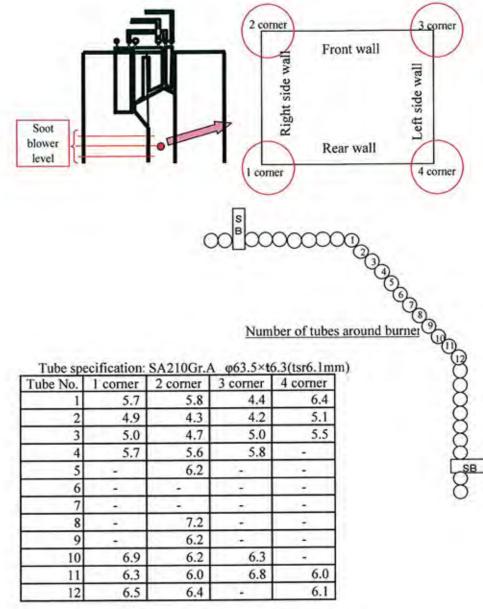
Erosion part at 1corner



Erosion part at 2 corner



Erosion part at 3 corner



1 corner aspect



3 corner aspect



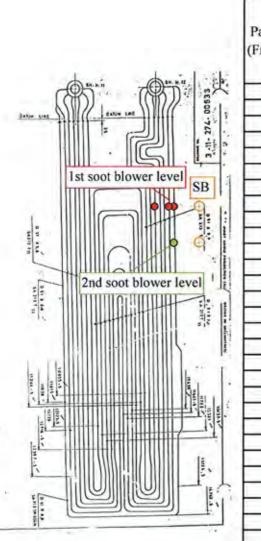
2 corner aspect



4 corner aspect



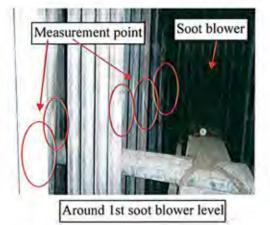
2 com

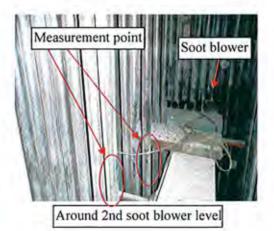


1.	Soot blower leve							
Panel No. (From left)	1st so	2nd soot blower level						
	1st tube	2nd tube	5th tube	1st tube				
	from rear	from rear	from rear					
1	9.8	1	-					
2	9.9	-		10.0				
3	10.0		-	10.2				
4	10.2			10.4				
5	9.9		-	10.2				
6	10.3		-	10.3				
7	10.1	1.20		10.2				
8	10.1	1.1.1		10.1				
9	9.9	10.1	-					
10	10.1			10.3				
11	10.1	10.0		10.2				
12	10.1		- A	10.2				
13	10.0	1.1		10.1				
14	9.9			10.0				
15	10.1		10.2	10.3				
16	10.1		-	10.3				
17	9.9		-	9.9				
18	10.2			10.2				
19	10.2		•	10.1				
20	10.1		1.1.4	10.2				
21	10.0	-		10.1				
22	10.3		4.1	10.3				
23	10.3	-	-	10.2				
24	10.3			10.2				
25	10.0		11	10.1				
26	10.2	-		10.2				
27	10.2		-	10.2				
28	10.2	-	1.1.4	10.3				
29	10.2	1.1.1	-	10.3				

Tube specification: SA213T22	φ51.0×t9.6	(tsr9.4mm)
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Table II-19 (Unchahar)Platen SH Thickness Measuremen Results

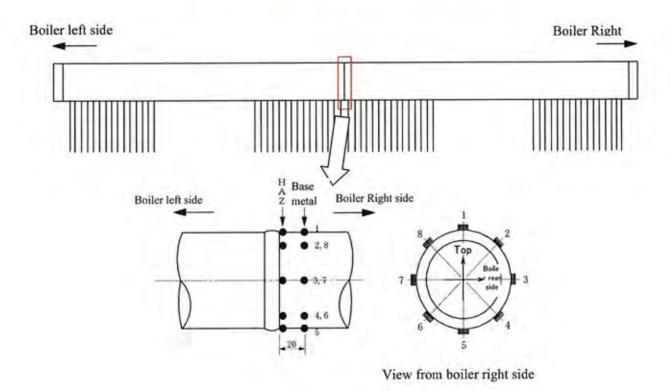




Components Material				Measured value (mm)					(Averaged
	Material	Designed OD	Position	Region	105	2⇔6	3⇔7	4⇔8	Averaged (mm)
Final SH Outlet Header SA335 P-22	Da una Up	Upstream side Base	Base metal	460.60	460.73	460.40		460.57	+0.74
	SA335 P-22	457.2mm	(Elbow side)	HAZ	460.46	460.12	460.19		460.26

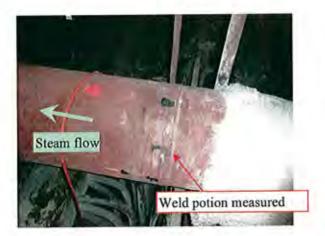
Table II -20 (Unchahar) Final SH Outlet Header Outside Diameter Measurement Results





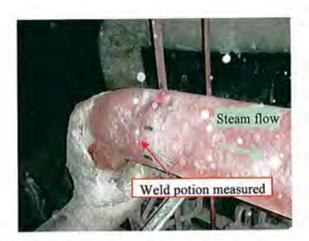
Components Materia		Designed OD	Position	Region	Measured value (mm)				Australia	(Averaged measured
	Material				1⇔5	2⇔6	3⇔7	4⇔8	Averaged (mm)	value-Designed OD) /Designed OD(%)
De-Superheater	De-Superheater	Do	Downstream side	Base metal	408.08	407.37	409.15	408.43	408.26	+0.46
Pipe(Right) SA335 P-12	406.4mm (Straight pipe side	(Straight pipe side)	HAZ	407.66	407.06	408.15	407.97	407.71	+0.32	
De-Superheater Pipe(Leftt) SA335 P-12		Downstream side	Base metal	408.26	408.29	407.81	408.40	408.19	+0.44	
	SA335 P-12	406.4mm	(Straight pipe side)	HAZ	408.02	407.63	408.26	407.65	407.89	+0.37

Table II -21 (Unchahar) De-Superheater Pipe Outside Diameter Measurement Results

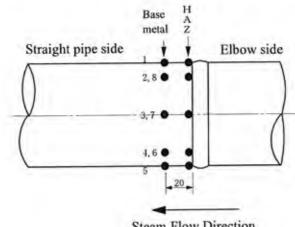


Measurement point of right De-superheater pipe

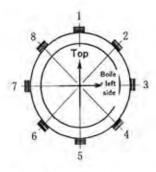
RAD



Measurement point of left De-superheater pipe



Steam Flow Direction



View from boiler downstream