SNO  S02-ar	RAI* PARKS	UNV. c	of DELAWARE	PaperTyp	
Authors UJI AR D.L. SP	PARKS		of DELAWARE		
'UJI AR D.L. SP/ Ceywords	PARKS	UNV. c	of DELAWARE		
D.L. SP.	PARKS		OF DELAWARE		
Ceywords					
eywords					
				<u></u>	
			istien – an transmenen erien av		
eywords					sans Andrea (alla alla alla alla alla alla alla a
Ceywords					
(eywords	North Decks Advertigent Constraints and the Constraints of the Constra		n an tha an ann an tha		
(eywords			a Ant an anama an		
(eywords					
			<u> </u>		
RSENIC					
HEMICAL SP	PECIATION				
bstract					
ligested material ligested material olid state che echniques (N tructure spe n the litter m n addition, X ndicate that t iodegradatio pectroscopic	hat are present in poultry f terials lead to a mean total nemical speciation of As in Microfocused Synchrotron ectroscopy (XANES)). Arse naterials, and the SXRF and XANES analysis showed tha the structure of Roxasone on over time. The chemical c techniques.	Feed to control cocci I As concentration in the poultry litter wa X-ray fluorescence nic was concentrate alysis showed As as at mixed As(III and in the litter materia I speciation of As wi	idiosis and to improve fee n the poultry manure/litter as investigated using sync (SXRF) spectroscopy and ed in a needle-like particle ssociated with Cu and Cl a V) oxidation states were als has been altered durin II be further characterized	ad conversion. Feed sp er of 14-76 mg/kg. In the hrotron-based surface X-ray Absorption Near e morphology (~ 20mr ind to a lesser extent valways present. These ig digestion processes a using microscopic and	illage and this study, the probing - Edge m X 100mm) with S and Zn. results and/or via d vibrational

YUJI ARAI 302(831)1595 ugarai@udel.edu