Example

Format of declaration for Article 2.a.(i) (initial declaration with example entries)

Name of State (or Party): Ruritania

Safeguards Agreement INFCIRC: 000 Protocol Article: 2.a.(i)

Declaration number: 2 Declaration Date: 2001-10-14

Declaration period: as of 2001-10-01

Comment: This is declaration number 2. Number 1 was declaration for Article 2.a.(ix)(a) for the period 30 April 2001 to 30 June 2001.

Entry	Ref.	Fuel Cycle Stage	Location	General Description	Comments
1	3-21	Enrichment of nuclear material	Advanced Projects Agency, 23 Main Avenue, R-1384 Pointsmore, Ruritania. (APA laboratory on site AEC-NRC, building RA-18)	RAPA Isotope Separation - Phase I. Project RA-01-12. Privately funded but carried out at the APA, a government laboratory. Phase I is a study of the feasibility of adapting a molecular method of laser isotope separation for stable isotopes (developed at the University of Ruritania) to uranium enrichment. The objectives are to conduct a feasibility study of the use of two commercially available laser systems. Work is just beginning with completion scheduled for the end of 2003.	
2		Enrichment of nuclear material	Advanced Projects Agency, 23 Main Avenue, R-1384 Pointsmore, Ruritania (APA headquarters)	RAPA Isotope Separation - Phase II. Project RA-01-12. Privately funded but carried out at the APA, a government laboratory. Phase II is an engineering and economic study of adapting a molecular method of laser isotope separation for stable isotopes (developed at the University of Ruritania) to uranium enrichment. The objectives are to develop estimates of enrichment costs and prepare design of laboratory-scale test equipment. Work is scheduled for completion at the end of 2002.	
3		Reactors	Univ. of Ruritania Engineering School, McGrath Building, 401 Macron Drive, R-2257 Dembigh, Ruritania	Development of a generalized computer simulation package (GCSP) for the calculation of nuclear fuel burn-up and the accumulation of specified fission and activation products, as a function of time and position in the reactor, for several types of LWR cores. The objective is an improved reactor code that will support implementation of an advanced nuclear fuel management scheme to achieve high burn-up without loss of safety margins. This is a 3-year project set for completion 2003-06-30 being carried out in the Nuclear Engineering Department, University of Ruritania (project UR/GCSP/01). The sponsors are a consortium of private utilities and the Ruritania Ministry of Science and Industry.	

Example (continuation)

Format of declaration for Article 2.a.(i) (initial declaration with example entries)

Name of State (or Party): Ruritania

Safeguards Agreement INFCIRC: 000 Protocol Article: 2.a.(i)

Declaration number: 2 Declaration Date: 2001-10-14

Declaration period: as of 2001-10-01

Comment: This is declaration number 2. Number 1 was declaration for Article 2.a.(ix)(a) for the period 30 April 2001 to 30 June 2001

Entry	Ref.	Fuel Cycle Stage	Location	General Description	Comments
4		Nuclear fuel fabrication	Univ. of Ruritania Engineering School, McGrath Building, 401 Macron Drive, R-2257 Dembigh, Ruritania	Design and testing of an induction-coil nuclear fuel pellet sintering oven. This is a Government funded development effort (Project RU-00-11). The objectives are: (1) the design of a sintering oven that meets a variety of specified temperature control requirements; and (2) the construction and demonstration of a prototype oven. Work is nearing completion on the design phase (scheduled for completion 2001-11-30).	
5		Processing of Waste	Uratopia Nuclear Center, 15 King Road, U1250, Flavia Nova, Uratopia	The Government of Ruritania, through the Advanced Project Agency (APA), is participating, with the Atomic Energy Commission of Uratopia in an international project with the objective of producing a detailed comparative analysis of several identified nuclear waste management strategies in terms of costs, environmental impact and technical difficulty. The strategies currently identified are: (1) spent fuel conditioning and storage in a geologic repository; (2) reprocessing, Pu recycle with conditioning (vitrification) of HAW; and (3) reprocessing, Pu recycle with partitioning/transmutation of HAW prior to conditioning. At this point, the study is limited to a review of the literature, initial project definition and strategy. The activities are carried out in Uratopia with participation of Ruritania (APA) specialists. The comparative analysis and the identification of the next steps to be taken are to be completed by the end of 2003.	Reprocessing