Government Gazette Staatskoerant

REPUBLIC OF SOUTH AFRICA REPUBLIEK VAN SUID AFRIKA

Regulation Gazette

No. 11262

Regulasiekoerant

Vol. 669

March Maart

26

2021

No. 44394

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DEPARTMENT OF AGRICULTURE, LAND REFORM AND RURAL DEVELOPMENT

NO. R. 265 26 March 2021

FERTILIZERS, FARM FEEDS, AGRICULTURAL REMEDIES AND STOCK REMEDIES ACT, 1947 (ACT NO. 36 OF 1947)

REGULATIONS RELATING TO THE TARIFFS FOR THE REGISTRATION OF FERTILIZERS, FARM FEEDS, AGRICULTURAL REMEDIES, STOCK REMEDIES, STERILIZING PLANTS AND PEST CONTROL OPERATORS, APPEALS AND IMPORTS: AMENDMENT

The Minister for Agriculture, Land Reform and Rural Development, has under Section 23 of the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947), made the regulations in the Schedule.

SCHEDULE

Definition

1. In this Schedule "the Regulations" means the regulations published by Government notice No. R. 1449 of 1 July 1983, as amended by government Notices Nos. R. 96 of January 1984, R. 2055 of 14 September 1984, R. 1053 of 3 June 1988, R. 1242 of 9 June 1990, r. 1409 of 6 August 1993, R.1592 of 30 September 1996, r. 1017 of 14 August 1998, R. 216 of 10 March 2000, R. 964 of 5 October 2001, R. 1096 of 30 August 2002, R. 1475 of 17 October 2003, R. 3448 of 15 April 2005, R.1139 of 2 December 2005, R. 225 of 17 March 2006, R935 of 22 September 2006, R. 956 of 29 September 2006, R. 1086 of 3 November 2006, R. 1087 of 3 November 2006, R. 250 of 23 March 2007, R. 483 of 8 June 2007, R.755 of 18 July 2008,R.112 of 13 February 2009, R.72 of 12 February 2010 and R.97 of 18 February 2011, R.75 of 8 February 2013, R259 of 5 April 2013, R 207 of 1 April 2014, R 285 of 31 March 2015, R 372 of 29 March 2016, No R 310 of 31 March 2017, No R 394 of 28 March 2018, No R 471 of 29 March 2019, No.R.395 of 27 March 2020

Substitution of Table 1 of the Regulations R 395 of 27 March 2020

2. The Regulations are hereby amended by the substitution for Table 1 of the following table:

Table 1 "FEES PAYABLE"

TARIFFS, RATES AND SCALES FOR SERVICES, GOODS AND SUPPLIES PROVIDED BY THE DEPARTMENT OF AGRICULTURE, LAND REFORM AND RURAL DEVELOPMENT

NATURE OF PROVIDED	SERVICE, GOODS OR SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
AGRICU	ILTURE INPUTS CONTROL			
REMEDIE	ERS, FARM FEEDS, AGRICULTURAL S AND STOCK REMEDIES ACT, 1947 86 of 1947)			
1	<u>REGISTRATIONS</u> : Application for registration of Farm Feed and Pet Food including application on lapsed registratio, parallel and daughter registrations.			
	Kinds of Farm Feeds and Pet Food (Groups and kinds)			
1.1	Importers for own use			
1.1 (a)	Raw material of plant, animal origin and their by-products including blended raw materials of plant and animal origin and their by-products	R 1 582.00 per application/product	R 1 615.00 per application/product	Registration is valid for 3 years
1.1 (b)	Feed Additives			
	(i) Technological additives	R 2 878,00 per application/product	R 2 938.00 per application/product	Registration is valid for 3 years
	(ii) Sensory additives	R 1 582,00 per application/product	R 1 615.00 per application/product	Registration is valid for 3 years
	(iii) Zootechnical additives	R 2 878,00 per application/product	R 2 938.00 per application/product	10. 0 youro
	(iv) Nutritional additives	R 1 582,00 per application/product	R 1 615.00 per application/product	

NATURE OF PROVIDED	SERVICE, GOODS OR SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
	(v) Nutritional Additives Premixes	R 2 878,00 per application/product	R 2 938.00 per application/product	
	(vi) Livestock feeds (complete concentrate and supplements)	R 2 878,00 per application/product	R 2 938.00 per application/product	
1.1 (c) (v) (vii) 1.2	Pet foods (i) Complete dog and cat foods (ii) Complete miscellaneous pet foods (iii) Complementary pet foods (iv) Pet-Neutraceuticals Herbal supplements (including horses) (vi) Nutritional supplements (including horses) Seed and Grain mixtures Importers for retail / Local trader/Distributor/ Seller/ Manufacture for retail/ Parallel registration/ Daughter	R 2 878,00 per application/product R 764,00 per application/product R 1 151,00 per application/product R 2 878. 00 per application/product R 764,00 per application/product R 1 582.00 per application/product R 764.00 per application/product	R 2 938.00 per application/product R 780.00 per application/product R 1 175.00 per application/product R 2 938.00 per application/product R 780.00 per application/product R 1 615.00 per application/product R 780.00 per application/product	Registration is valid for 3 years
1.2 (a)	registration Raw material of plant, animal origin and their by-products including blended raw materials of plant and animal origin and their by-products	R 2 592,00 per application/product	R 2 646.00 per application/product	

NATURE OF PROVIDED	SER	VICE,	GOODS	OR	SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
1.2 (b)	Feed	d Additi	ves					
	(i)	Techno	logical ac	ditives		R 5 081,00 per application/product	R 5 188.00 per application/product	
	(ii)	Sensory	y additive	S		R 3 022,00 per application/product	R 3 085.00 per application/product	
	(iii)	Zootech	nnical add	ditives		R 5 081.00 per application/product	R 5 188.00 per application/product	
	(iv)	Nutrition	nal additiv	ves		R 3 022,00 per application/product	R 3 085.00 per application/product	
	(v)	Nutrition	nal additiv	ves prei	nixes	R 5 081,00 per application/product	R 5 188.00 per application/product	
		Livestoo concent	ck fe rate and	eeds suppler	(complete nents)	R 5 081,00 per application/product	R 5 188.00 per application/product	

NATURE OF PROVIDED	SERVICE, GOODS OR SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
1.2 (c)	Pet food			
	(i) Complete dog and cat foods	R 5 081.00 per application/product	R 5 188.00 per application/product	
	(ii) Complete miscellaneous pet foods	R 1 582.00 per application/product	R 1 615.00 per application/product	
	(iii) Complementary pet foods	R 1 582.00 per application/product	R 1 615.00 per application/product	
	(iv) Pet-Neutraceuticals	R 5 081.00 per application/product	R 5 188.00 per application/product	
	(v) Herbal supplements (including horses)	R 1 582.00 per application/product	R 1 615.00 per application/product	
	(vi) Nutritional supplements (including horses)	R 3 022.00 per application/product	R 3 085.00 per application/product	
	(vii) Seed and Grain mixtures	R 1 582.00 per application/product	R 1 615.00 per application/product	
2. <u>RENEW</u>	ALS: Application for the renewal of the registration of a Farm Feed and Pet Food			
	(Groups and kinds of farm feeds and pet food)			
2.1	Importers for own use			
2.1 (a)	Raw material of plant, animal origin and their by-products including blended raw materials of plant and animal origin and their by-products	R 600.00 per application/product	R 613.00 per application/product	

NATURE OF SEP PROVIDED	RVICE, GOODS OR SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
2.1 (b)	Feed Additives			
(i)	Technological additives	R 600,00 per application/product	R 613.00 per application/product	
(ii) (ii)	Sensory additives Zootechnical additives	R 600,00 per application/product R 600,00 per application/product	R 613.00 per application/product R 613.00 per application/product	
(iv)	Nutritional additives	R 600,00 per application/product	R 613.00 per application/product	
(v)	Nutritional Additives Premixes	R 600,00 per application/product	R 613.00 per application/product	
(vi)	Livestock feeds (complete, concentrate and supplements)	R 600,00 per application/product	R 613.00 per application/product	
2.1 (c)	Pet Food			
(i)	Complete dog and cat foods	R 600,00 per application/product	R 613.00 per application/product	-do-
(ii)	Complete miscellaneous pet foods	R 600,00 per application/product	R 613.00 per application/product	-do-
(iii)	Complementary pet foods	R 600,00 per application/product	R 613.00 per application/product	-do-
(iv)	Pet-Neutraceuticals	R 600,00 per application/product	R 613.00 per application/product	-do-
(v)	Herbal supplements (including horses)	R 600,00 per application/product	R 613.00 per application/product	
(vi)	Nutritional supplements (including horses)	R 600.00 per application/product	R 613.00 per application/product	
(vii)	Seed and Grain mixture	R 600.00 per application/product	R 613.00 per application/product	

NATURE OF PROVIDED	SER	VICE, GOODS O	R SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
2.2.	trac Mai Par	orters for retail/ Loc der/Distributor/ Selle nufacture for retail/ allel registration/ ughter registration				
2.2 (a)	Raw material of plant, animal origin and their by-products including blended raw material of plant and animal origin and their by-products			R 1 345.00 per application/product	R 1 375.00 per application/product	
2.2 (b)	Feed A	Additives				
	(i)	Technological additi	ives	R 2 437,00 per application/product	R 2 488.00 per application/product	
	(ii)	Sensory additives		R 1 449,00 per application/product	R 1 479.00 per application/product	
	(iii)	Zootechnical additiv	res	R 2 437,00 per application/product	R 2 488.00 per application/product	
	(iv)	Nutritional Additives	3	R 1 449,00 per application/product	R 1 479.00 per application/product	
	(v)	Nutritional Additives	Premixes	R 2 437,00 per application/product	R 2 488.00 per application/product	
	(vi)	Livestock feeds (corconcentrate and sup		R 2 437,00 per application/product	R 2 488.00 per application/product	

NATURE OF PROVIDED	SERVICE, GOODS OR SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
2.2 (c)	Pet Food			
	(i) Complete dog and cat foods	R 2 437.00 per application/product	R 2 488.00 per application/product	
	(ii) Complete miscellaneous pet foods	R 760.00 per application/product	R 776.00 per application/product	
	(iii) Complementary pet foods	R 760.00 per application/product	R 776.00 per application/product	
	(iv) Pet-Neutraceuticals	R 2 437.00 per application/product	R 2 488.00 per application/product	
	(v) Herbal supplements including horses	R 760.00 per application/product	R 776.00 per application/product	
	(vi) Nutritional supplements (including horses)	R 1 449.00 per application/product	R 1 479.00 per application/product	
	(vii) Seed and Grain mixture	R 760.00 per application/product	R 776.00 per application/product	

R 461.00 per application/product	R 471.00 per application/product	
R 461.00 per application/product	R 471.00 per application/product	
R 730.00 per application/product	R 745.00 per application/product	
	R 461.00 per application/product	R 461.00 per application/product R 471.00 per application/product R 461.00 per application/product R 471.00 per application/product

NATURE OF PROVIDED	SE	RVICE, GOODS OR SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
3.2 (b) L	ivesto	ock Feed Additives			
	(i)	Technological additives	R 1 434.00 per application/product	R 1 464.00 per application/product	
	(ii)	Sensory additives	R 853.00 per application/product	R 871.00 per application/product	
	(iii)	Zootechnical additives	R 1 434.00 per application/product	R 1 464.00 per application/product	
	(iv)	Nutritional Additives	R 853.00 per application/product	R 871.00 per application/product	
	(v)	Nutritional Additives Premixes	R 1 434.00 per application/product	R 1 464.00 per application/product	
	(vi)	Livestock feeds(complete concentrate and supplements	R 1 434.00 per application/product	R 1 464.00 per application/product	
3.2 (c)	Pet F	Food			
	(i)	Complete dog and cat foods	R 1 434.00 per application/product	R 1 464.00 per application/product	
	(ii)	Complete miscellaneous pet food	R 446.00 per application/per product	R 455.00 per application/per product	
	(iii)	Complementary pet food	R 446.00 per application/product	R 455.00 per application/product	
	(iv)	Pet Neutraceuticals	R 1 434.00 per application/product	R 1 464.00 per application/product	
	(v)	Herbal supplements (including horses)	R 446.00 per application/product	R 455.00 per application/product	
	` '	Nutritional supplements (including horses)	R 853.00 per application/product	R 871.00 per application/product	
	(vii)	Seed and Grain mixture	R 446.00 per application/product	R 455.00 per application/product	
4.	prod	other minor amendment on registered uct requested by the registration holder transfer of registration, company and	,	R 1 175.00 per application/product	

NATURE PROVIDED		RVICE, GOODS OR SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
		ct name change, label amendment, onal manufacturer etc.			
4.1	Paymer services	nt for information and other 5.			
	(i)	Import Permit	R 661.00 per product	R 675.00 per product	
	(ii)	Advertisement approval	R 764.00 per request	R 780.00 per request	
	(iii)	Free Sale certificate	R 64.00 per certificate	R 65.00 per certificate	
	(iv)	Re-print of the certificate	R 64.00 per certificate	R 65.00 per certificate	
	(v)	Other documents	R 115 per request plus ,R1.00 per page	R 117 per request plus ,R1.00 per page	
	(vi)	Guideline documents	#	#	Guidelines are available for
	(vii)	An appeal under section 6 of Act no 36 of 1947	R 6 520.00 per application/product	R 6 657.00 per application/product	download on DAFF website for free
5.	Applicat	tion for sterilization plant			
5.1		on for the registration of the ion plant.	R 4 775.00 per application/product	R 4 875.00 per application/product	
5.2	Application for the renewal of the sterilization plant and rendering plant		R 2 455.00 per application/product	R 2 507.00 per application/product	Renewal is valid for 3 years

NATURE OF PROVIDED	SER	VICE, GOODS	OR SUP	PLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
5.3	in 5.2	nt additional to the in case of late ap ewal of the steriliang plant	plication for		R 1 828.00 per application/plant	R 1 866.00 per application/plant	
5.4	Payme service	ents for inform es.	ation and	other			
	(i)	Import Permit			R 661.00 per product	R 675.00 per product	
	(ii)	Advertisement a	pproval		R 764.00 per advertisement.	R 780.00 per advertisement.	
	(iii)	Free Sale certific	cate		R 64.00 per certificate	R 65.00 per certificate	
	(iv)	Re- print of the	certificate		R 64.00 per certificate	R 65.00 per certificate	
	(v)	Other document	S		R 115 per request plus ,R1.00 per page	R 117 per request plus ,R1.00 per page	
	(vi)	Any other registered produce registration hold registration, corname change, e	der, e.g. trans	by the sfer of	R 1 151.00 per application/product.	R 1 175.00 per application/product.	
	(vii)	An appeal under 36 of 1947	section 6 of <i>i</i>	Act No	R 6 520.00 per application/product.	R 6 657.00 per application/product.	

NATURE PROVIDED		VICE, GOODS	OR	SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
6	<u>Application</u>	n for the registr	ation of	fertilizers			
	6.1 Application for registration of fertilizer products including lapsed registration, parallel and daughter registration				R 4 775.00 per application/product	R 4 875.00 per application/product	
6.2 A	application fo	or the renewal of	the Fert	ilizer product	R 2 455.00 per application/product	R 2 507.00 per application/product	Renewal is valid for
	case of late	dditional to that application for of the fertilizer p		ned in 6.2 in	R 1 828.00 per application/product	R 1 866.00 per application/product	3 years
		for a group lapsed registra gistration.			R 7000.00 per application/product	R 7 147.00 per application/product	Registration is valid for 3 years
6.5	Payment f	or information a	and oth	er services.			
	(i)	Import Permit			R 661.00 per product	R 675.00 per product	
	(ii)	Advertisement	approva	al	R 764.00 per advertisement	R 780.00 per advertisement	
	(iii)	Free Sale certi	ficate		R 64.00 per certificate	R 65.00 per certificate	
	(iv)	Re- print of the	certifica	ate	R 64.00 per certificate	R 65.00 per certificate	
	(v)	Other documer	nts		R 115 per request plus ,R1.00c per	R 117 per request plus ,R1.00 per	
	(vi)	Guideline docu	ments		page #	page #	Guidelines are
	(vii)	Any other amer the registration			R 1 151.00 per application/product	R 1 175.00 per application/product	available for download on DAFF website for free

TURE OVIDE	OF SERVICE, GOODS OR SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS /
	in product name, change in company name, address, etc.			
	(viii) An appeal in terms of section 6 of Act 36 of 1947	R 6 520.00 per application	R 6 657.00 per application	
	Application for Registration of Pest Control Operator			
7.1	Application for registration of Pest Control Operator including lapsed registration.	R 2 455.00 per application	R 2 507.00 per application/product	Renewal is valid for 3 years
7.2	Application for the renewal of the Pest Control Operator.	R 1 297.00 per application	R 1 324.00 per application/product	
7.3	Payment additional to that mentioned in 7.2 in case of late application for the renewal of Pest Control Operator certificate.	R 689.00 per application	R 703.00 per application/product	
7.4	An appeal in terms of section 6 of Act No.36 of 1947	R 6 520.00 per application/product	R 6 657.00 per application/product	
7.5	Payment for information and documentation.	R 115 per request plus ,R1.00c per page	R 117 per request plus ,R1.00 per page	
7.6	Re-print of the certificate	R 64.00 per certificate	R 65.00 per certificate	
8	Application for Registration of an Agricultural Remedy /Stock Remedy			
8.1	Application for the registration of an Agricultural Remedy or Stock Remedy including lapsed registration, parallel and daughter registration.	R 10 613.00 per application/product	R 10 836.00 per application/product	
8.2	Application for the renewal of the registration of an Agricultural Remedy or Stock Remedy	R 5 320.00 per application/product	R 5 432.00 per application/product	Renewal is valid fo 3 years

NATURE PROVIDEI		TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
8.3	Payment additional to that mentioned in 8.2 in case of late application for renewal of an Agricultural Remedy or Stock Remedy.	R 3 713,00 per application/product	R 3 791.00 per application/product	
8.4	Other services payments:			
	(a) Approval of additional or new source of active ingredient(s),for Agricultural Remedies	R 5 613.00 per application/product	R 5 731.00 per application/product	
	(b) Change of active ingredient purity specification/ notification of new impurity of technical material/ manufacturing process change	R 5 613.00 per application/product	R 5 731.00 per application/product	
	(c) Change of manufacturer or additional manufacturer for Stock Remedy or Agricultural Remedy.	R 5 613.00 per application/product	R 5 731.00 per application/product	
	(d) Major change in the formulation	R 5 613.00 per application/product	R 5 731.00 per application/product	
	(e) Minor change in the formulation	R 1 151.00 per application/product	R 1 175.00 per application/product	
	(f) Amendment of shelf life/packaging material for Stock Remedy or Agricultural Remedy	R 5 613.00 per application/product	R 5 731.00 per application/product	
	(g) Additional claim(s) and withdrawal period requested by the registration holder of an Agricultural Remedy or Stock Remedy	R 10 613.00 per application/product	R 10 836.00 per application/product	
	(h) Amendment requested by the office of the Registrar in relation to restricted or controlled substance	Free	Free	

NATURE OF PROVIDED	SERVICE, GOODS OR SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
(i)	Change in product name, change in company name, address, spelling mistakes, species scientific name changes excluding technical changes.	R 1 151.00 per application/product	R 1 175.00 per application/product	
(j)	Any other minor amendments excluding technical on registered product requested by the registration holder e.g. manufacture name change, supplier name change, transfer of registered valid registration, administrative amendments, etc.	R 1 151.00 per application/product	R 1 175.00 per application/product	
(k)	Dossier updates or notifications for Stock Remedies and Agricultural Remedies	R 1 151.00 per application/product	R 1 175.00 per application/product	
(1)	Approval of change of artwork on approved label, e.g. artwork approval and minor label amendment	R 1 151.00 application/product	R1 175.00 application/product	
(m)	Protocol approval	R 3 380.00 per application/product	R 3 451.00 per application/product	
(n)	Data waiver application: scientific data analysis	R 3 380,00 per application/product	R 3 451.00 per application/product	
(0)	Fulfillment of conditional registration in case of emergency registration, e.g. minor crops/ minor species in Agricultural remedies and Stock remedies.	R 1 725.00 per application/product	R 1 761.00 per application/product	
(p)	Technical/Data evaluation in case of application for an exemption.	R 1 725.00 per application/product	R 1 761.00 per application/product	

NATURE OF PROVIDED	SER	VICE, GOODS OR SUPPLIES	TARIFF APPLICABLE FROM 1 APRIL 2020	TARIFF APPLICABLE FROM 1 APRIL 2021	REMARKS / EXPLANATION
8.5	Payme Service	ent for information and other es.			
	(i)	Import Permit	R 661.00 per product	R 675.00 per product	
	(ii)	Advertisement approval	R 731.00 per advertisement	R 764.00 per advertisement	
	(iii)	Free Sale certificate	R 64 00 per certificate	R 65.00 per certificate	
	(iv)	Re- print of the certificate	R 64.00 per certificate	R 65.00 per certificate	
	(v) (vi)	Other documents	R 115 per request plus ,R1.00 per page	R 117 per request plus ,R1.00 per page	
	(vii)	Guideline documents	#	#	Guidelines are available free on
	(vii)	An appeal in terms of section 6 of Act no 36 1947	R 6 520.00 per application	R 6 657.00 per application	DAFF website.

DEPARTMENT OF MINERAL RESOURCES AND ENERGY

NO. R. 266 26 March 2021

NATIONAL NUCLEAR REGULATOR ACT, 1999 (ACT NO. 47 OF 1999): REGULATIONS ON THE LONG TERM OPERATION OF NUCLEAR INSTALLATIONS

I, Mr. Samson Gwede Mantashe, Minister of Mineral Resources and Energy, in terms of section 36 read with section 47 of the National Nuclear Regulator Act, 1999 (Act No. 47 of 1999), on the recommendation of the Board of Directors of the National Nuclear Regulator, and after public consultation, hereby make the Regulations in the Schedule.

S & MANTASHE, MP

INISTER OF MINERAL RESOURCES AND ENERGY

SCHEDULE

Arrangement of Regulations

- 1. Definitions
- 2. Purpose and application of Regulations
- 3. Lodging of applications for operations beyond the established timeframe for an operating nuclear installation
- 4. Requirements of safety case for Long Term Operation
- 5. Factors to be considered for Long Term Operation
- 6. Requirements for programme for Long Term Operation
- 7. Licensing stages
- 8. Offences and penalties
- 9. Short title and commencement

Definitions

1. In these Regulations a word or expression to which a meaning has been assigned in the Act or in the Regulations on Safety Standards and Regulatory Practices (Government Notice No. R. 388 in Government *Gazette* 28755 of 28 April 2006) bears the meaning so assigned and, unless the context otherwise indicates—

"Act" means the National Nuclear Regulator Act, 1999 (Act No. 47 of 1999);

"ageing management" means engineering, operations and maintenance actions to control, within acceptable limits, the ageing degradation of structures, systems and components;

"current licensing basis" means the safety case applicable at any time during operation of the nuclear installation, comprising of applicable Regulations and all licence-binding documentation which will include, but may not be limited to, project management documentation, the safety analysis report, and safety related programmes applicable during licensing stages (including all modifications), which shall be retained as records; "licensee" means the authorised holder of a nuclear installation licence granted by the Regulator;

"Long Term Operation" means the operation of the nuclear installation beyond an established time-frame set forth by, for example, the licence term, design, standards, licence or regulations, which have been justified by safety assessment, with consideration given to life limiting processes or features of structures, systems, and components;

"periodic safety review" means a systematic reassessment of the safety of an existing nuclear installation that is carried out at regular intervals to deal with the cumulative effects of ageing, modifications, operating experience, technical developments and siting aspects, and aims to ensure a high level of safety throughout the service life of the nuclear installation;

"safety case" means a logical and hierarchical set of documents that demonstrates compliance with the Regulatory requirements and criteria and describes the radiological hazards in terms of a nuclear installation, site and the modes of operation, including potential undesired modes. It encompasses the authorisation basis, and safety related documentation applicable during different authorisation stages and will include the safety assessment, operational safety related programmes and supporting documentation; and "safety related programmes" collectively refers to all nuclear safety related activities conducted during the operational phase of the nuclear installation and may also be applicable during interim authorisation stages.

Purpose and application of Regulations

- 2. (1) The purpose of these Regulations is to establish the requirements for Long Term Operation of nuclear installations beyond an established timeframe defined in the respective nuclear installation licence or current licensing basis.
- (2) These Regulations are applicable to licensees who want to apply for the Long Term Operation of nuclear installations.

Lodging of applications for operations beyond the established timeframe for an operating nuclear installation

- 3. (1) Any licensee wishing to operate a nuclear installation beyond an established timeframe defined in the respective nuclear installation licence shall lodge, in terms of section 21(1) of the Act, an application for the operation of the respective nuclear installation beyond an established timeframe with the Chief Executive Officer of the National Nuclear Regulator.
- (2) The application shall be done in the format prescribed in the terms of section 21 of the Act in the Regulations in terms of Section 47, read with Sections 21 and 22 of the National Nuclear Regulator Act, 1999 (Act No. 47 of 1999), on the format for the Application for a Nuclear Installation Licence or a Certificate of Registration or a Certificate of Exemption, as published by Government Notice No. 1219 of 21 December 2007, within the specified timelines and shall clearly indicate the period of Long Term Operation being applied for.

(3) The application shall be supported by a safety case to demonstrate continued safe operation of the nuclear installation for the period of Long Term Operation and the safety case shall be submitted within the timelines specified by the Regulator.

Requirements of safety case for Long Term Operation

- 4. The safety case for Long Term Operation shall amongst others—
- (a) demonstrate compliance with relevant regulatory safety criteria and requirements;
- (b) be prepared using the results of safety analyses, with due consideration of the ageing of structures, systems and components and the periodic safety review;
- (c) provide an overall assessment of the safety of the nuclear installation and justification for continued safe operation for the intended period of Long Term Operation;
- (d) demonstrate availability of financial and human resources as well as knowledge management for the period of Long Term Operation, which knowledge management shall include an integrated, systematic approach to identifying, managing and sharing an organisation's knowledge and enabling groups of people to collectively create new knowledge to help achieve the organisation's objectives; and
- (e) identify necessary safety improvements which may include, but are not limited to, refurbishment, provision of additional structures, systems and components and additional safety analyses and engineering justifications, to ensure that the licensing basis remains valid during the period of Long Term Operation.

Factors to be considered for Long Term Operation

- **5.** Factors to be considered in evaluating an application for Long Term Operation will include, but are not limited to, the following:
- (a) Safety related programmes relevant for ensuring the safe Long Term Operation of the nuclear installation beyond the timeframe established by the current licensing basis or the nuclear installation licence;
- (b) effectiveness of the ageing management programme necessary for ensuring that required safety functions of structures, systems and components are fulfilled over the period of Long Term Operation of the nuclear installation;
- (c) revalidation of the time limited ageing analyses to ensure continued acceptability of the analysed structures, systems or components for the planned period of Long Term Operation; and
- (d) utilisation of the results of the periodic safety review to justify Long Term Operation of the nuclear installation.

Requirements for programme for Long Term Operation

6. (1) The licensee shall ensure that an effective ageing management programme is developed, implemented and maintained to ensure that required safety functions of structures, systems and components are fulfilled over the entire operating lifetime of the nuclear installation.

- (2) The licensee shall conduct systematic periodic safety reviews of the nuclear installation throughout its operational lifetime, taking into account the actual status of the facility, including the consequences of the cumulative effects of ageing and modifications to the facility, the operating experience and significant new safety information from relevant sources.
- (3) The licensee shall develop and implement a comprehensive programme for ensuring the safe Long Term Operation of the nuclear installation beyond the time-frame established by the design limits in the current licensing basis or the nuclear installation licence.
- (4) The comprehensive programme for Long Term Operation shall address the following:
- (a) relevant plant documentation and safety related programmes;
- (b) consideration of the relevant scope of systems, structures and components important to Long Term Operation that must be agreed and approved by the Regulator;
- (c) review of nuclear installation safety related programmes for Long Term Operation;
- ageing management review for Long Term Operation, including the review of existing ageing management programmes and development of new ageing management programmes as necessary;
- (e) revalidation of time limited ageing analysis;
- (f) long term operation documentation; and
- (g) the implementation programme for Long Term Operation.

Licensing stages

- 7. (1) The application to operate the nuclear installation beyond the established timeframe shall not create an expectation that the regulatory approval will be granted by the Regulator for the period of Long Term Operation applied for.
- (2) The licence issued in terms of these Regulations to operate the nuclear installation beyond the established timeframe, , shall be for the period as determined by the Regulator.
- (3) Notwithstanding sub-regulations (1) and (2) above, the application may initiate subsequent licensing stages which may include extended shutdown or decommissioning if the licensee fails to demonstrate the safe Long Term Operation of the nuclear installation.

Offences and Penalties

8. Any licensee who operates a nuclear installation beyond the period stipulated in the licence, unless granted an exemption by the Regulator, is guilty of an offence and shall be liable, on conviction, to a fine or imprisonment for a period not exceeding 10 years.

Short title and commencement

9. These Regulations are called the "Regulations on the Long Term Operation of Nuclear Installations" and will come into operation on the date of promulgation in the *Gazette*.